# U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF ANIMAL INDUSTRY-Bulletin No. 61.

D. E. SALMON, D. V. M., Chief of Bureau.

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# THE SCORE CARD IN STOCK JUDGING

AT

# AGRICULTURAL COLLEGES.

BY

# GEORGE M. ROMMEL, B. S. A.,

Expert in Animal Husbandry, Bureau of Animal Industry.



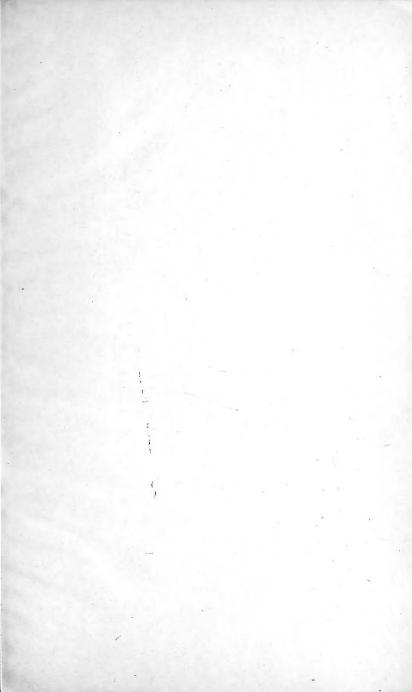
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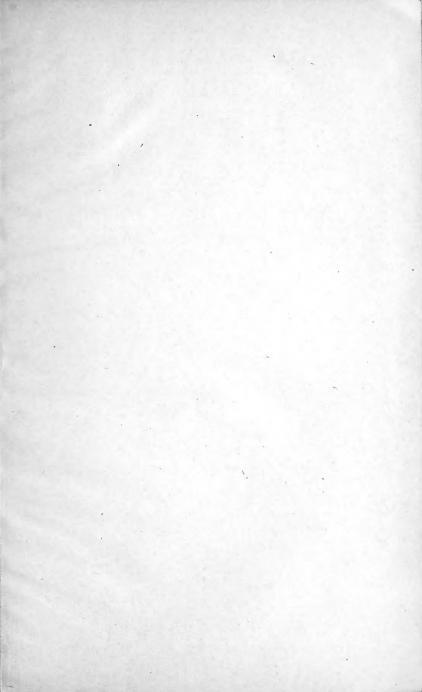


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# LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY,

Washington, D. C., June 7, 1904.

Sir: I respectfully submit herewith for publication as a bulletin of this Bureau a manuscript entitled "The Score Card in Stock Judging at Agricultural Colleges," compiled by George M. Rommel, expert in animal husbandry. This material was collected during the past year to combine for ready reference the score-card forms used by instructors in animal husbandry throughout the United States.

Nearly all the college cards for market classes in use at present are included in the following pages. Cards for the several breeds were omitted for various reasons, but chiefly because instruction in the judging of market classes and that of breeds is clearly divided; the latter can very well form the nucleus of another similar bulletin.

The charts illustrating the points of the various animals were designed not so much to serve as universal guides for this purpose as to show the location of the parts described by the terms used in the different score cards.

The Bureau is indebted to Prof. Andrew Boss, of the Minnesota School of Agriculture, for the loan of charts used by him in giving instruction in meat production. These charts are submitted for use in this bulletin.

Thanks are also due instructors in animal husbandry in nearly every agricultural college in the country for placing their score cards and other similar material at the disposal of the Bureau.

Respectfully,

D. E. Salmon, Chief of Bureau

Hon. James Wilson, Secretary of Agriculture.



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# THE SCORE CARD IN STOCK JUDGING AT AGRI-CULTURAL COLLEGES.

Compiled by George M. Rommel, B. S. A., Expert in Animal Husbandry, Bureau of Animal Industry.

### INTRODUCTION.

No branch of agricultural college work has developed more rapidly during recent years nor attracted more general attention than the instruction in animal husbandry—the theoretical and practical selection and management of live stock. The immense value of our animal industry (with an estimated annual output of over \$800,000,000), the important relation between live stock and the maintenance of fertility, not to mention the pleasure that attends the successful management of farm animals, have drawn the attention of agricultural educators to this field of work. Indeed, in some instances, the realization of its importance by the agricultural public has had a most telling effect in bringing about proper recognition by the colleges of a previously neglected branch of agriculture.

Instruction in the principles of stock judging demands a very large share of the teacher's time. The aim of the colleges in this work is not to graduate men who are fully equipped to perform the duties of a judge in a show ring, but to give instruction in fundamental principles on which the student, as years give experience, can build an

accurate and extensive knowledge of animal form.

The place of the score card in this scheme is important. As an aid to the judge in the show ring, its use is practically obsolete, except in the case of poultry. It is very easy for a competent judge to "score" two animals by the card and reach results directly opposite to what he would have done had the ring been judged by the show-yard system. When thirty or forty animals confront him, no judge would now think of using a score card. However, to learn the cardinal points of form and action and to develop systematic methods, there is no more convenient or expeditious manual than a concise and accurate card.

The first essential in such instruction is to lead the beginner to see correctly—to know what faults or merits each point of the animal presents to the eye or touch. For example, the accepted standards demand that a horse shall have a lean, straight head, of moderate length, with neat, smartly carried ears of moderate size; a broad, full forehead; large, prominent, intelligent, clear eyes; and a fine muzzle, with large nostrils and firm, even lips. It is necessary that the student learn what is therefore an unwritten part of such work.

Following this first step the student learns the comparative value of the different points. For example, he is taught that it is more important, commercially, that a horse shall have a wide, deep, straight, clean hock than a straight, clean head; and he is shown that one of these points has a value of eight or ten on the card, while the other is given one or two. He learns that if a fat steer is thick and even in the covering of the back, he can overlook a little spareness of flesh on the lower rib or a slight lack of development of either flank. In short, he learns what parts in the equine anatomy are most essential to the actual usefulness of a horse, and what parts of a meat-bearing animal bring the highest prices on the block.

When this step is taken many of the colleges give their students work that is little different from that of the show ring. Three or four animals are placed before the student and he is required to place them according to individual merit, writing his reasons on blanks provided for the purpose. No score cards are used, but the student is held as closely as possible to the use of score-card terms. When this stage is reached successfully the cards are dispensed with and the student is supposed to know what is required in the ideal animal. Here the training of the judgment begins, for which college work is really only the preparation. In some cases the score cards are eliminated gradually by requiring the student to assign his reasons point by point before he assigns general reasons for his decisions. This has an advantage in that it is made difficult to overlook any essential features.

The score card, therefore, is only for instruction in fundamentals, and, while in itself it is impracticable for use in the show yard, these fundamentals form the basis for all competent judging.

#### FORMS OF SCORE CARDS.

The forms of cards used by different instructors naturally vary considerably. Some institutions, for example, use but one card for both draft and light horses. The description is practically the same for both types, and differences are noted in the text. The different standards are provided for by two columns of "points." This system is seen in the cards for horses used by the New Hampshire College,

Cornell University, the North Carolina College, and the Ohio State University, and in the cards for sheep used by the New Hampshire and North Carolina colleges, Purdue University, and the Utah Agricultural College. Its advantages are that it permits the student to get a clear idea of the essentials of each type by comparison, and gives him an idea of animal form in the abstract. Its disadvantages are that a sufficient amount of explanation of differences is not possible, and there is apt to be confusion of types. The more commonly accepted system is a separate card for each type, no matter how close the resemblance.

Generally, the score cards have blanks for the date, name of student, and designation of the animal. In some, space is provided for the age, name of owner, sex, etc.

Several colleges have adopted the plan of numbering the points of the card consecutively. These numbers refer to a blank on which spaces are provided for the score by the student and the instructor. The principal advantage of the blank is that it enables the student to make notes of deficient points.

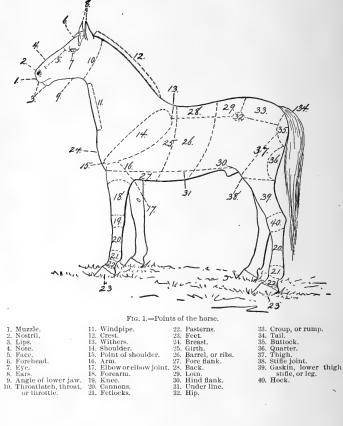
In some institutions, the cards for each class of animals are printed on the inside covers of a stiff cardboard folder, into which are inserted a number of these blanks. The student thus has his guide and notebook under one cover, and also has the advantage of having a permanent form of card. The University of Tennessee uses a stiff leather-bound folder. On one side is a pocket in which the score cards are placed, and a slot is cut into the other cover into which is slipped the cardboard back of a pad of blanks, the book thus holding the score cards for each class of stock and also the notebook for the class work. It has the advantage over other forms in that one book only is necessary.

Several minor changes have been made in the wording and punctuation of the various cards for the sake of uniformity. Values and definitions, however, are exactly as furnished by the colleges in all cases.

Acknowledgments are due the instructors who supplied these cards for the courtesy.

The score cards now in use follow.

HORSES.



1.	DIUZZIE.	
2.	Nostril.	
3.	Lips.	

### New Hampshire College of Agriculture and the Mechanic Arts.

Same as Cornell card (see below) for horses, with the following exceptions: Under neck, the clause beginning "depth of insertion," etc., is omitted; under pasterns, read "6 to 7 inches;" for horses for speed, 8 joints are allowed for fore feet and 6 for action.

### Cornell University.

General appearance: Height, estimated — hands; actual — hands. Weight, estimated — pounds; actual — pounds. Weight, estimated — pounds. Weight, estimated — pounds.  8		Fo	r for	ce.	Fo	r spe	eed
Height, estimated — hands; actual — hands Weight, estimated — pounds, actual — pounds. Form, for force, low, massive; for speed, high, lithe 6 2 Quality, bone flat; tendons lean; skin and hair fine 8 10 Action, step smooth, quick, long; trot rapid, straight, regular 4 8 Actitude, members vertical 5 5 5 5 Temperament, lively, pleasant Head, lean; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one-half its length; for S., smaller, carried higher, more horizontal 1 1 2 Muzzle, fine; nostrils large; lips thin 1 1 Ears, short, clean, fine, directed forward, wide apart 1 1 1 Ears, short, clean, fine, directed forward, wide apart 1 1 1 Ears, short, clean, fine, directed forward, wide apart 1 1 1 Ears, short, clean, fine, directed forward, wide apart 1 1 1 Ears, short, clean, fine, directed forward, wide apart 1 1 1 Ears, short, clean, fine, directed forward in the complex of insertion at shoulder equals length of underline, 2 to 4 inches shorterthan head; for F, neck shorter, thicker, more horizontal 1 2 Eore quarters Whiters, equals length of head; for F, shorter more upright.  Arms, relatively short, 12 to 13 inches; for F, more horizontal 1 1 Forearms, vertical, long, 14 to 15 inches wide; for F, shorter, more heavily muscled Knees, clean cut, wide, deep, 2 inches, strongly supported 2 2 2 Cannons, vertical, short, 9 to 10 inches, lean, wide; tendons well detached; for S, longer. Fettocks, wide, thick, clean 2 2 2 Canton, vertical, short, 9 to 10 inches, lean, wide; tendons well detached; for S, longer. Fettocks, wide, thick, clean 5 2 2 2 Canton, or complex thick, clean 5 2 2 2 Canton, or complex thick, clean 5 2 2 2 Canton, or complex thick, clean 5 2 2 2 Canton, or complex thick, clean 5 2 2 2 Canton, or complex thick, clean 5 2 1 1 Chest in general, high, wide, long; more than half height of horse; for F, short, more horizontal, mascular 5 5 5 Chest in general, high, wide, long; more than half height of horse; for F, shorter, more oblique 5 5 5 Charles t	Seale of points.	Standard.	Student's.	Corrected.	Standard.	Student's.	Corrected
Form, for force, low, massive; for speech, high, lithe (Quality, bone flat; tendons lean; skim and hair fine (Paulity, bone flat) tendons lean; skim and hair fine (Paulity, bone flat) tendons lean; skim and hair fine (Paulity, bone flat) tendons lean; skim and hair fine (Paulity, Bone)	. General appearance:						
Form, for force, low, massive; for speech, high, lithe (Quality, bone flat; tendons lean; skim and hair fine (Paulity, bone flat) tendons lean; skim and hair fine (Paulity, bone flat) tendons lean; skim and hair fine (Paulity, bone flat) tendons lean; skim and hair fine (Paulity, Bone)	Height, estimated — hands; actual — hands				8		
Quality, bone flat; tendons lean; skin and hair fine Action, step smooth, quick, long; trot rapid, straight, regular. 4	Weight, estimated — pounds; actual — pounds	8					
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Attitude, members vertical Temperament, lively, pleasant Head and neck: Head and neck: Head, lean; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one-half its James of the control of the c	Action, step smooth, quick, long; trot rapid, straight, regular	4			8		
Head lear; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one-half its length; for S., smaller, carried higher, more horizontal.  Muzzle, fine; nostrils large: lips thin  Neck, pyramidal, muscled; throat clean, fine; windpipe large; depth of insertion at shoulder equals length of underline, 2 to 4 inches shorter than head; for F., neck shorter, thicker, more horizontal.  Neck, pyramidal, muscled; throat clean, fine; windpipe large; depth of insertion at shoulder equals length of underline, 2 to 4 inches shorter than head; for F., neck shorter, thicker, more horizontal.  Prore quarters:  Shoulders, long, extending into back; point of shoulder to point of withers, equals length of head; for F, shorter more upright.  Arms, relatively short, 12 to 13 inches; for F, more horizontal.  1 the Forearms, vertical, long, 14 to 15 inches wide; for F, shorter, more heavily muscled.  Read, long, 14 to 15 inches wide; for F, shorter, more heavily muscled.  Read, 15 to 10 inches, lean, wide; tendons well detached; for S, longer.  2 cannous, vertical, short, 9 to 10 inches, lean, wide; tendons well detached; for S, longer.  3	Attitude, members vertical	5			5		
Head, lean; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one-half its length; for S., smaller, carried higher, more horizontal. 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Temperament, lively, pleasant	4			6		
more than one-third length of head; depth of head one-half its length; for S., smaller, carried higher, more horizontal.  Muzzle, fine; nostrils large; lips thin	. Head and neck:	ì			ĺ		
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Bore quarters:   Shoriders:	shorter than head; for F., neck shorter, thicker, more horizontal	1			2		١
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Forearms, vertical, long, 14 to 15 inches wide; for F., shorter, more heavily muscled.  Knees, clean cut, wide, deep, 2 inches, strongly supported.  Zannons, vertical, short, 9 to 10 inches, lean, wide; tendons well detached; for S., longer.  Fetlocks, wide, thick, clean.  Pasterns, fetlock to ground, 7 to 8 inches; for S., long, sioping; for F., short, more upright.  Feet, round, even size; horn dark colored, dense; sole concave; bars strong; frog large, clastic; heel vertical, one-half length of toe.  Best in general, high, wide, long; more than half height of horse; for F., girth larger.  Withers, clearly defined for S	witners, equals length of head; for F., shorter more upright	3			2		
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Cannons, vertical, short, 9 to 10 inches, lean, wide; tendons well detached; for S., longer. Fetlocks, wide, thick, clean Fasterns, fetlock to ground, 7 to 8 inches; for S., long, sloping; for F., short, more upight. Fasterns, fetlock to ground, 7 to 8 inches; for S., long, sloping; for F., shorter, more bears strong.  Chest in general, high, wide, long; more than half height of toe.  Body: Chest in general, high, wide, long; more than half height of horse; for F., girth larger.  Withers, clearly defined for S.  Breast, for S., high, projecting; for F., broad, muscular  Riks, long, round curvature, wide apart  Back, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Lioin, wide, short, thick  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique  Tail, long, full, fine, set and carried high  Thighs, for S., long, if 5 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular  Legs, for S., long, 15 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, heavily muscled, well descended  Hocks, clean cut, large, straight, 3 to 3½ inches deep; for F., wider.  Pasterns, as above.  Feet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical.	Knees, clean cut, wide, deep, 2 inches, strongly supported	2			2		I.
Fetlocks, wide, thick, clean Pasterns, fetlock to ground, 7 to 8 inches; for S., long, sloping; for F., short, more upright. Feet, round, even size; horn dark colored, dense; sole concave; bars strong; frog large, elastic; heel vertical, one-half length of toe.  Body: Chest in general, high, wide, long; more than half height of horse; for F., girth larger.  Withers, clearly defined for S.  Breast, for S., high, projecting; for F., broad, muscular.  2 1  Ribs, long, round curvature, wide apart.  Back, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Back, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Barnak, narrow, low.  Hind quarticus, low.  Barnak, narrow, low.  Barnak, narrow, low.  Barnak, loss, long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more oblique.  Tail, long, full, fine, set and carried high.  Thighs, for S., long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more horizontal, nuscular.  Buttocks, heavily muscled.  Buttocks, heavily muscled.  Buttocks, long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled.  Hocks, clean cut, large, straight, 3 to 3½ inches deep; for F., wider.  4 Cannons, 11 to 12 inches, otherwise as above.  Pasterns, as above.  Pasterns, as above, as above.  Peet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical.	Cannons, vertical, short, 9 to 10 inches, lean, wide; tendons well de-				_		
Following general, high, wide, long; more than half height of horse; for E. girth larger.  Withers, clearly defined for S.  Reast, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Loin, wide, short, thick.  Flank, narrow, low.  Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique.  Tail, long, full, fine, set and earried high.  Tail, long, full, fine, set and earried high.  Buttocks, heavily musculed, well descended.  Legs, for S., long, 15 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Cannow, Il to 12 inches, otherwise as above.  Fellocks, as above.  Pester, wornerd with above, more oval, more concave; heels higher, more separated; walls more vertical.	tached; for S., longer.	2					
Following general, high, wide, long; more than half height of horse; for E. girth larger.  Withers, clearly defined for S.  Reast, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Loin, wide, short, thick.  Flank, narrow, low.  Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique.  Tail, long, full, fine, set and earried high.  Tail, long, full, fine, set and earried high.  Buttocks, heavily musculed, well descended.  Legs, for S., long, 15 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Cannow, Il to 12 inches, otherwise as above.  Fellocks, as above.  Pester, wornerd with above, more oval, more concave; heels higher, more separated; walls more vertical.	Pasterns fatlock to ground 7 to 8 inches for S long cloning for F	1			1		
Following general, high, wide, long; more than half height of horse; for E. girth larger.  Withers, clearly defined for S.  Reast, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Loin, wide, short, thick.  Flank, narrow, low.  Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique.  Tail, long, full, fine, set and earried high.  Tail, long, full, fine, set and earried high.  Buttocks, heavily musculed, well descended.  Legs, for S., long, 15 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Cannow, Il to 12 inches, otherwise as above.  Fellocks, as above.  Pester, wornerd with above, more oval, more concave; heels higher, more separated; walls more vertical.	short, more unright	1			1		
Following general, high, wide, long; more than half height of horse; for E. girth larger.  Withers, clearly defined for S.  Reast, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Loin, wide, short, thick.  Flank, narrow, low.  Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique.  Tail, long, full, fine, set and earried high.  Tail, long, full, fine, set and earried high.  Buttocks, heavily musculed, well descended.  Legs, for S., long, 15 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Cannow, Il to 12 inches, otherwise as above.  Fellocks, as above.  Pester, wornerd with above, more oval, more concave; heels higher, more separated; walls more vertical.	Feet, round, even size; horn dark colored, dense; sole concave; bars				_		١
Following general, high, wide, long; more than half height of horse; for E. girth larger.  Withers, clearly defined for S.  Reast, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.  Loin, wide, short, thick.  Flank, narrow, low.  Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique.  Tail, long, full, fine, set and earried high.  Tail, long, full, fine, set and earried high.  Buttocks, heavily musculed, well descended.  Legs, for S., long, 15 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Cannow, Il to 12 inches, otherwise as above.  Fellocks, as above.  Pester, wornerd with above, more oval, more concave; heels higher, more separated; walls more vertical.	strong; frog large, elastic; heel vertical, one-half length of toe	6			6		
F., girth larger.  Withers, clearly defined for S.  Breast, for S., high, projecting; for F., broad, muscular.  Ribs, long, round curvature, wide apart.  Back, straight, short, muscular; shoulders to haunch equals length of head; for S., high, projecting; for F., broad, muscular larger.  Back, straight, short, muscular; shoulders to haunch equals length of head; for S., long, f	. body:						
Withers, clearly defined for S.  Breast, for S., high, projecting; for F., broad, muscular 2 1 Ribs, long, round curvature, wide apart Ribs, long, round curvature, wide apart Back, straight, short, muscular; shoulders to haunch equals length of head; for S., longer 2 1 Loin, wide, short, thick 2 1 Flank, narrow, low 1 Hind quarters: Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique 5 5 Tail, long, full, fine, set and carried high 1 Thighs, for S., long, 1 to 16 inches, upright; stiffe deviated outward; for F., shorter, more horizontal, muscular.  Tor F., shorter, more horizontal, muscular.  Logg, for S., long, 1 to 16 inches, upright; for F., shorter, more horizontal, horizontal, muscular.  Logg, for S., long, 1 to 10 inches, upright; for F., shorter, more horizontal, hoes, clean cut, large, straight, 3 to 3 inches deep; for F., wider 4 Cannons, 11 to 12 inches, otherwise as above 1 1 Feet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical 2 2  Robert Compared with above, more oval, more concave; heels higher, more separated; walls more vertical 2 2  Breet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical 2 2  Breet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical 2 2  Breet, compared with above, more oval, more concave; heels higher, work and the concave of the conca	Chest in general, high, wide, long; more than half height of horse; for	6					ı
Ribs, long, round curvature, wide apair.  Back, straight, short, muscular; shoulders to haunch equals length of head; for S, longer.  Join, wide, short, thick.  Flank, narrow, low.  Hind quartic, low.  Croup, wide, long muscular, 2 to 4 inches shorter than head; for S, horizontal; for F, shorter, more oblique.  Thind, long, fur, line, set and carried high.  Thind, long, fur, line, line, stiff edviated outward;  Thind, long, fur, line, line	Withers clearly defined for S	0			1		
Ribs, long, round curvature, wide apair.  Back, straight, short, muscular; shoulders to haunch equals length of head; for S, longer.  Join, wide, short, thick.  Flank, narrow, low.  Hind quartic, low.  Croup, wide, long muscular, 2 to 4 inches shorter than head; for S, horizontal; for F, shorter, more oblique.  Thind, long, fur, line, set and carried high.  Thind, long, fur, line, line, stiff edviated outward;  Thind, long, fur, line, line	Breast, for S., high, projecting; for F., broad, muscular	2					
head; for S., longer.  Loin, wide, short, thick.  2 1 Flank, narrow, low.  Flank, narrow, low.  Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S.,  horizontal; for F., shorter, more oblique.  5 5 7ail, long, full, fine, set and earried high Thighs, lor S., long, 15 to 16 inches, upright; stifle deviated outward;  for F., shorter, more horizontal, muscular.  Legs, for S., long, 15 to 16 inches, upright; stifle deviated outward;  Legs, for S., long, 15 to 16 inches, upright; for F., shorter, more hori-  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more hori-  Hocks, clean cut large, straight, 8 to 3 inches deep; for F., wider.  4 Cannons, 11 to 12 inches, otherwise as above.  7 Fetlocks, as above.  8 4 7 Fetlocks, as above.  9 1 1 7 Fetet, compared with above, more oval, more concave; heels higher,  more separated; walls more vertical.	Kips, long, round curvature, wide apart	2			1		
Loin, wide, short, thick Flank, narrow, low Hind quarters: Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique Tail, long, full, fine, set and carried high Thighs, for S., long, 15 to 16 inches, upright; stific deviated outward; for F., shorter, more horizontal, nuscular. 4 de 6 Buttocks, heavily muscled, well descended. 2 1 Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled. Hocks, clean cut, large, straight, 3 to 3\frac{1}{2} inches deep; for F., wider. 4 4 Cannons, 11 to 12 inches, otherwise as above. 2 2 Fetlocks, as above. 1 1 Pasterns, as above. 1 1 Pasterns, as above, more oval, more concave; heels higher, more separated; walls more vertical.	Back, straight, short, muscular; shoulders to haunch equals length of						
Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique  Tail, long, full, fine, set and carried high Thighs, for S., long, 15 to 16 inches, upright; stifie deviated outward; for F., shorter, more horizontal, nuscular  Buttocks, heavily muscled, well descended.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled  Hocks, clean cut, large, straight, 3 to 3\frac{1}{2} inches deep; for F., wider.  4  Cannons, 11 to 12 inches, otherwise as above.  2  2  2  2  2  2  2  2  2  2  2  2  2	Loin wide short thick	9					
Hind quarters:  Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique  Tail, long, full, fine, set and carried high Thighs, for S., long, 15 to 16 inches, upright; stifie deviated outward; for F., shorter, more horizontal, nuscular  Buttocks, heavily muscled, well descended.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled  Hocks, clean cut, large, straight, 3 to 3\frac{1}{2} inches deep; for F., wider.  4  Cannons, 11 to 12 inches, otherwise as above.  2  2  2  2  2  2  2  2  2  2  2  2  2	Flank, narrow, low.	ī					
Tail, long, full, fine, set and carried high Thighs, for S., long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled graphs, 3 and 15 decks, clean cut, large, straight, 8 to 8 inches deep; for F., wider.  Rocks, clean cut, large, straight, 8 to 8 inches deep; for F., wider.  Fetlocks, as above.  1 1 Pasterns, as above.  1 1 Preet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical.	Hind quarters:						
Tail, long, full, fine, set and carried high Thighs, for S., long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more horizontal, muscular.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled, well descended.  Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled graphs, 3 and 15 decks, clean cut, large, straight, 8 to 8 inches deep; for F., wider.  Rocks, clean cut, large, straight, 8 to 8 inches deep; for F., wider.  Fetlocks, as above.  1 1 Pasterns, as above.  1 1 Preet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical.	Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S.,						
Thighs, for S., long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more horizontal, muscular. 4 4 6 6 Buttocks, heavily muscled, well descended. 2 1 Legs, for S., long, 14 to 15 inches, puright; for F., shorter, more horizontal, heavily muscled. 3 3 4 Hocks, clean cut, large, straight, 3 to 3\frac{1}{2} inches deep; for F., wider. 4 4 4 Cannons, 11 to 12 inches, otherwise as above. 2 2 2 2 Fetlocks, as above. 1 1 1 1 Pasterns, as above. 1 1 1 1 Pasterns, as above. 1 1 1 1 Pasterns, as above when the property of th	norizontal; for F., shorter, more oblique	5			5		-
for F, shorter, more horizontal, muscular.  Buttocks, heavily muscled, well descended.  Legs, for S., long, 14 to 15 inches, upright; for Fr, shorter, more horizontal, heavily muscled.  Hocks, clean cut, large, straigh, 3 to 3\frac{1}{2} inches deep; for Fr, wider.  Hocks, clean cut, large, straigh, 3 to 3\frac{1}{2} inches deep; for Fr, wider.  Cannons, 11 to 12 inches, otherwise as above.  1 1  Pasterns, as above.  Feet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical.	Thighe for C long 15 to 16 inches unright; etific devicted outword;				1		-
Hocks, clean cut, large, straight, 8 to 8½ inches deep; for F., wider. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	for F., shorter, more horizontal, muscular.	4			6		
Hocks, clean cut, large, straight, 8 to \$\frac{1}{2}\$ inches deep; for \$F\$, wider. \\ 4 \\ 4 \\ Cannons, I to \$12\$ inches, otherwise as above. \\ 1 \\ 1 \\ 1 \\ Pasterns, as above. \\ 1 \\ 1 \\ 1 \\ Pasterns, as above. \\ 1 \\ 1 \\ 1 \\ Pett, compared with above, more oval, more concave; heels higher, more separated; walls more vertical \\ 2 \\ 2 \\ 2 \\ \\ \end{array}	Buttocks, heavily muscled, well descended	2			1		
Hocks, clean cut, large, straight, 8 to \$\frac{1}{2}\$ inches deep; for \$F\$, wider. \\ 4 \\ 4 \\ Cannons, I to \$12\$ inches, otherwise as above. \\ 1 \\ 1 \\ 1 \\ Pasterns, as above. \\ 1 \\ 1 \\ 1 \\ Pasterns, as above. \\ 1 \\ 1 \\ 1 \\ Pett, compared with above, more oval, more concave; heels higher, more separated; walls more vertical \\ 2 \\ 2 \\ 2 \\ \\ \end{array}	Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more hori-						
Fetlocks, as above 1 1 1 1 Pasterns, as above 1 1 1 1 Feet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical 2 2 2	zontal, heavily muscled	3			3		
Fetlocks, as above 1 1 1 1 Pasterns, as above 1 1 1 1 Feet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical 2 2 2	Cappone 11 to 12 inches otherwise as above	9			9		
Pasterns, as above. Feet, compared with above, more oval, more concave; heels higher, more separated; walls more vertical.	Votloaks as above	- 1			i		
	Pasterns, as above	lî					
	Feet, compared with above, more oval, more concave; heels higher,	1			1 ]		
	more separated; walls more vertical	2			2		
		_		_	_	_	-

#### North Carolina College of Agriculture and Mechanic Arts.

Same as Cornell card (see above) for horses, with the following exceptions: Under pasterns, read "6 to 7 inches;" under thighs, read "15 to 17 inches;" for horses for speed, 1 point is allowed for neck, 2 for arm, 8 for fore feet, and 6 for action.

# The College of Agriculture and Domestic Science, Ohio State University.

	Fo	r for	ce.	Fo	rspe	ed
Scale of points.	Standard.	Student's.	Corrected.	Standard.	Student's.	Corrected
General appearance:						
Height, estimated — hands; actual — hands.  Weight, estimated — pounds; actual — pounds.				8		
Weight, estimated — pounds; actual — pounds	8					
Form, for force, low, massive; for speed, high, lithe Quality, bone flat; tendons lean; skin and hair fine	0			10		
Action, step smooth, quick, long; trot rapid, straight, regular	10			15		
Attitude, members vertical	5			5		
Temperament, lively, pleasant	3			5		
Head and neck:	1					
Head, lean; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one-half its length; for S., smaller, carried higher, more horizontal						
more than one-third length of head; depth of head one-half its						
length; for S., smaller, carried higher, more horizontal	2			3		٠.
Muzzle, fine; nostrils large; lips thin	1			1		
Eyes, full, bright, intelligent.	1			1 2		
Ears, short, clean, fine, directed forward, wide apart	1			1		
of insortion at shoulder couple length of underline 2 to 4 inches						
Neck, pyramidal, muscled; throat clean, fine; windpipe large; depth of insertion at shoulder equals length of underline, 2 to 4 inches shorter than head; for F., neck, shorter, thicker, more horizontal	9			3		
Shoulders, long, extending into back; point of shoulder to point of withers equals length of head; for F., shorter, more upright.  Arms, relatively short, 12 to 13 inches; for F., more horizontal						
withers equals length of head; for F., shorter, more upright	3			2		
Arms, relatively short, 12 to 13 inches; for F., more horizontal	1			1		
Forearms, vertical, long, 14 to 15 inches, wide; for F., shorter, more						1
heavily muscled	3			2		
Knees, clean cut, wide, deep, 2 inches, strongly supported	1		• • • • •	1	• • • •	
tached; for S., longer	0			2		
Fatlacks wide thick clean	1			í		
Pasterns, fetlock to ground, 6 to 7 inches: for S., long, sloping: for F.,				_		
short, more upright	1			1		
Feet, round, even size; horn dark colored, dense; sole concave; bars						
Fetlocks, wide, thick, clean.  Pasterns, fetlock to ground, 6 to 7 inches; for S., long, sloping; for F., short, more upright.  Feet, round, even size; horn dark colored, dense; sole concave; bars strong; frog large, elastic; heel vertical one-half length of toe	5			6		
Body:						
Chest in general, high, wide, long; more than half height of horse; for	-					
F., girth larger. Withers, clearly defined for S. Breast, for S., high, projecting; for F., broad, muscular.	6			4		
Broast for S high projecting for F broad muscular				1		• •
Ribs long round curvature wide apart	2			1		
Back, straight, short, muscular: shoulders to haunch equals length of	-					
Ribs, long; round curvature, wide apart. Back, straight, short, muscular; shoulders to haunch equals length of head; for S., longer.	3			1		١.,
Loin, wide, short, thick	2			1		
Flank, narrow, low	1			1		
Hind quarters:						
Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique	1					
Tail, set and carried high, long, full, fine.	4			4		
Thighs for S long 15 to 16 inches unright; stiffe deviated outward; for						• •
ingar, ioi o, iong, io to ioinches, upright, stille deviated outward, for	- 3			3		
F. shorter more horizontal muscular	2			1		
Thighs, for S., long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more horizontal, muscular. Buttocks, heavily muscled, well descended						ľ.
F., shorter, more horizontal, muscular. Buttocks, heavily muscled, well descended. Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizon-	2			1		
F. shorter, more horizontal, muscular Buttocks, heavily muscled, well descended Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizon- tal, heavily muscled.				4		
F., shorter, more horizontal, muscular Buttocks, heavily muscled, well descended Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled. Hocks, clean cut, large, straight, 3 to 3	4			1		
Buttocks, heavily muscled, well descended Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizon- tal, heavily muscled. Hocks, clean cut, large, straight, 3 to 3‡ inches deep; for F., wider Cannons, 11 to 12 inches, otherwise as above.	1					
Buttocks, heavily muscled, well descended Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizon- tal, heavily muscled Hocks, clean cut, large, straight, 3 to 3‡ inches deep; for F., wider Cannons, 11 to 12 inches, otherwise as above. Fetlocks as above.				1		
Buttocks, heavily muscled, well descended. Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizon- tal, heavily muscled. Hocks, clean cut, large, straight, 3 to 3½ inches deep; for F., wider Cannons, 11 to 12 inches, otherwise as above. Fetlocks, as above.				1		
Buttocks, heavily muscled, well descended. Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizontal, heavily muscled. Hocks, clean cut, large, straight, 3 to 3½ inches deep; for F., wider. Cannons, 11 to 12 inches, otherwise as above. Fetlocks, as above. Pasterns, as above. Feet, compared with above, more oval, more concave; heels higher,	1			1		
Buttocks, heavily muscled, well descended. Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more horizon- tal, heavily muscled. Hocks, clean cut, large, straight, 3 to 3½ inches deep; for F., wider Cannons, 11 to 12 inches, otherwise as above. Fetlocks, as above.	1			1		

### LIGHT HORSES.

# College of Agriculture of the University of Illinois.

Scale of points.	Perfect score.	Student's score.	Corrected.
Age, estimated, —; actual, —			
General annearance13 noints:			
1. Weight, estimated — pounds; actual, — pounds. 2. Height, estimated — hands; actual, — hands. 3. Form, type, —; symmetrical, smooth, stylish.			
2. Height, estimated — hands; actual, — hands	2		
3. Form, type, —; symmetrical, smooth, stylish 4. Quality, bone clean, firm, indicating sufficient substance; ten-	4		
4. Quality, bone clean, firm, indicating sufficient substance; ten-			
dons defined; hair and skin fine. 5. Temperament, active; disposition good	4		
5. Temperament, active; disposition good	3		
Head and neck—7 points:	١.		
6. Head, lean, straight. 7. Muzzle, fine; nostril large; lips thin, even; teeth sound	Ţ		
7. Muzzie, nne; nostrii iarge; nps tnin, even; teetn sound	Ţ		
8. Eves, large, luii, bright, clear	1 1		
9. Forehead, broad, full			
10. Ears, size medium; pointed; well carried, not far apart	1		
11. Neck, well muscled; crest high; throatlatch fine; windpipe			
large	2		
Fore quarters—23 points: 12. Shoulder, long, smooth with muscle, oblique, extending into		İ	
	3		
back, well muscled at withers	1		
14. Forearm, well muscled, long, wide	1 5		
14. Forestill, well industred, long, wide.	2 2		
15. Knees, clean, wide, straight, deep, strongly supported	2		
17. Fetlocks, wide, straight	1,		
18. Pasterns, strong, long, angle with ground 45 degrees	2		
19. Feet, medium, even size; straight; horn dense; frog large,	_		
elastic; bars strong; sole concave; heel wide, high	6		
20. Legs	1 4		
Body—9 points:	*		
21. Ghest, deep, low; girth large	2		
99 Pibe long wall enrung alosa	2		
22. Ribs, long, well sprung, close 23. Back, straight, short, broad, well muscled	2		
24 Loine wide short thick	2		
24. Loins, wide, short, thick 25. Underline, long; flank let down	ī		
Hind quarters—30 points:	1		
26. Hips, smooth, wide, level	2		
27 Croup long wide muscular	2		
27. Croup, long, wide, muscular 28. Tail, attached high, well carried 29. Thighs, long, muscular, spread, open angled	2 2 2		
29 Thighs long muscular spread open angled	2		
30. Quarters, heavily muscled, deep	2		
30. Quarters, heavily muscled, deep 31. Gaskins (or lower thighs), long, wide, muscular 32. Hocks, clearly defined, wide, straight.	2 2 5		
32 Hocks clearly defined wide straight	5		
33. Cannons, short, wide; sinews large, set back.	* 2	,	
34. Fetlocks, wide, straight	ĩ		
35. Pasterns, strong, sloping.	2		
36. Feet, size medium, even; straight; horn dense; frog large,	_		
elastic: bars strong: sole concave: heel wide, high	4		
elastic; bars strong; sole concave; heel wide, high	_		
point of the buttock should fall upon the center of the hock.			
cannon, pastern and foot; from the side, a perpendicu-			
cannon, pastern and foot; from the side, a perpendicu- lar line from the hip joint should fall upon the center of		}	1
the foot and divide the caskin in the middle and a ner-			1
pendicular line from the point of the buttock should run parallel with the line of the cannon 38. Action, step smooth, long, active; trot rapid, straight, regu- lar, high			1
parallel with the line of the cannon	4	L	
38. Action, step smooth, long, active; trot rapid, straight, regu-	_	1	
lar, high	18	l	
, 9			
Total	100		

## Iowa State College of Agriculture and the Mechanic Arts.

2. Weight, — 3. Height — 3. Height — 3. Height — 3. Height — 4. Form, symmetrical, smooth, stylish — 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair and skin fine — 6. Temperament, active; disposition good — 3. And neck: — 3. Head, lean straight deep, strongly supported — 3. Shoulders, long, smooth with musele, oblique, extending into back, museled at withers — 3. Head, lean straight, deep, strongly supported — 3. Head, lean straight, lean straight, lean straight, lean strong, sole 20. Feet, size medium: even straight, horn dense; frog large, elastic; bars strong; sole 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the shee and pastern joints and back of hoof.  3. High, long, sprung, close — 3. Head, lean straight, lean	Scale of points for gelding.	Perfect score.
2. Weight, — 3. Height — 3. Height — 3. Height — 3. Height — 4. Form, symmetrical, smooth, stylish — 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair and skin fine — 6. Temperament, active; disposition good — 3. And neck: — 3. Head, lean straight deep, strongly supported — 3. Shoulders, long, smooth with musele, oblique, extending into back, museled at withers — 3. Head, lean straight, deep, strongly supported — 3. Head, lean straight, lean straight, lean straight, lean strong, sole 20. Feet, size medium: even straight, horn dense; frog large, elastic; bars strong; sole 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the shee and pastern joints and back of hoof.  3. High, long, sprung, close — 3. Head, lean straight, lean		
4. Form, symmetrical, smooth, stylish. 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair and skin fine. 6. Temperament, active; disposition good. ad and neck: 7. Head, lean straight. 8. Muzzle, fine; nostrils large; lips thin, even. 8. Muzzle, fine; nostrils large; lips thin, even. 9. Muzzle, fine; nostrils large; lips thin, even. 9. Experiment, active; disposition good. 10. Forchead, broad, full. 11. Ears, size medium; pointed, well carried, not far apart. 12. Neck, muscled; crest high; throatlatch fine; windpipe large. 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers. 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers. 14. Arm, short, thrown forward. 15. Forcarm, muscled, long, wide. 16. Knees, clean, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back. 18. Fetlocks, wide, straight. 19. Pasterns, strong, angle with ground 45 degrees. 20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the should fall upon the center of the knee and pastern joints and back of hoof.  17. Straight, short, broad, muscled. 22. Chest, deep, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, broad, muscled. 25. Loin, wide, short, thick. 26. Underline, long; flank let down. 27. Hips, smooth, wide, level. 28. Thighs, long, wide muscled. 29. Chup, long, wide muscled. 30. Thighs, long, wide muscled. 31. Quarters, heavily muscled, deep. 32. Gaskins (or lower thighs), long, wide, muscular. 33. Hocks, clearly defined, wide, straight; horn dense; frog large, elastic; bars strong; sole concave; held wide; sinews large, set back. 35. Fetlocks, wide, straight. 36. Pasterns, strong, sloping. 37. Feet, size medium; even;	eneral appearance:	
4. Form, symmetrical, smooth, stylish. 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair and skin fine. 6. Temperament, active; disposition good. ad and neck: 7. Head, lean straight. 8. Muzzle, fine; nostrils large; lips thin, even. 8. Muzzle, fine; nostrils large; lips thin, even. 9. Muzzle, fine; nostrils large; lips thin, even. 9. Experiment, active; disposition good. 10. Forchead, broad, full. 11. Ears, size medium; pointed, well carried, not far apart. 12. Neck, muscled; crest high; throatlatch fine; windpipe large. 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers. 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers. 14. Arm, short, thrown forward. 15. Forcarm, muscled, long, wide. 16. Knees, clean, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back. 18. Fetlocks, wide, straight. 19. Pasterns, strong, angle with ground 45 degrees. 20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the should fall upon the center of the knee and pastern joints and back of hoof.  17. Straight, short, broad, muscled. 22. Chest, deep, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, broad, muscled. 25. Loin, wide, short, thick. 26. Underline, long; flank let down. 27. Hips, smooth, wide, level. 28. Thighs, long, wide muscled. 29. Chup, long, wide muscled. 30. Thighs, long, wide muscled. 31. Quarters, heavily muscled, deep. 32. Gaskins (or lower thighs), long, wide, muscular. 33. Hocks, clearly defined, wide, straight; horn dense; frog large, elastic; bars strong; sole concave; held wide; sinews large, set back. 35. Fetlocks, wide, straight. 36. Pasterns, strong, sloping. 37. Feet, size medium; even;	2. Weight, ——	
and skin fine 6. Temperament, active; disposition good. ad and neck: 7. Head, lean, straight 8. Muzzle, fine; nostrils large; lips thin, even 9. Eyes, full, bright, clear, large 10. Forehead, broad, full. 11. Forehead, broad, full. 12. Each, tem endium; pointed, well carried, not far apart 13. Each, tem endium; pointed, well carried, not far apart 14. Each, tem endium; pointed, well carried, not far apart 15. Each, tem endium; pointed, well carried, not far apart 16. Each, tem endium; pointed, well carried, not far apart 17. Each, tem endium; pointed, well carried, not far apart 18. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers 19. Arm, short, thrown forward 10. Forearm, muscled, long, wide 10. Knees, clean, wide, straight, deep, strongly supported 11. Cannons, short, wide; sinews large, set back 18. Fetlocks, wide, straight 19. Pasterns, strong, angle with ground 45 degrees 20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high 19. Pasterns, strong, angle with ground 45 degrees 21. Legs, viewed in front, a prepended in the from the point of the shoulder should repended the propended of the shoulder should repended the point of the shoulder should repended the point of the shoulder should repended the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof 19. 22. Chest, deep, low; girth large 23. Ribs, long, sprung, close 24. Back, straight, short, broad, muscled 25. Loin, wide, short, thick 26. Underline, long; flank let down 27. Hips, smooth, wide, level. 28. Tail, attached high well spread open angled 31. Quarters, heavily muscled, deep 22. Gaskins (or lower thighs), long, wide, muscular. 23. Hocks, clearly defined, wide, straight; 36. Pasterns, strong, sloping 37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fa	3. Height —	
6. Temperament, active; disposition good. ad and neck: 7. Head, lean, straight 8. Muzzle, fine; nostrils large; lips thin, even 9. Eyes, full, bright, clear, large 10. Forehead, broad, full 11. Ears, size medium; pointed, well carried, not far apart 12. Neck, muscled; crest high; throatlatch fine; windpipe large. requarters: 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers. 14. Withers. 15. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers. 16. Knees, clean, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back. 18. Fetlocks, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back. 18. Fetlocks, wide, straight 19. Pasterns, strong, angle with ground 45 degrees 20. Feet, size medium: even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, hroad, muscled. 25. Loin, wide, short, thick. 26. Croup, long, wide, muscular. 27. Hips, smooth, wide, level. 28. Croup, long, wide, muscular, spread, open angled. 31. Quarters, heavily muscled, deep. 32. Grabin, long, miscalur, spread, open angled. 33. Hocks, clearly defined, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fellocks, wide, straight. 36. Pasterns, strong, sloping. 37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of th	4. Form, symmetrical, smooth, stylish 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair	
and and neck:  7. Head, lean, straight  8. Muzzle, fine; nostrils large; lips thin, even  9. Eyes full, bright, clear, large  10. Forehead, broad, full  11. Ears, size medium; pointed, well carried, not far apart  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  13. Shallars, long, smooth with muscle, oblique, extending into back, muscled at  14. Arm, short, thrown forward  15. Forearm, muscled, long, wide  16. Knees, clean, wide, straight, deep, strongly supported.  17. Cannons, short, wide; sinews large, set back  18. Fetlocks, wide, straight  19. Pasterns, strong, angle with ground 45 degrees  20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line, should fall upon the center of the look, cannon, short, wide; straight, short, thick  20. Underline, long; flank let down  21. Gaskins (or lower thighs), long, wide, muscular.  22. Gaskins (or lower thighs), long, wide, muscular.  23. Hips, smooth, wide, straight  34. Cannons, short, wide; sinews large, set back  35. Fetlocks, wide, straight  36. Pasterns, strong, sloping  37. Feet, size me	and skin fine	
7. Head, lean, straight 7. Muzzle, fine; nostrils large; lips thin, even 9. Eyes, full, bright, clear, large 10. Forchead, broad, full. 11. Ears, size medium; pointed, well carried, not far apart 12. Neck, muscled; crest high; throatlatch fine; windpipe large. 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers 14. Arm, short, thrown forward. 15. Forcarm, muscled, long, wide. 16. Knees, clean, wide; sinews large, set back 17. Fetlocks, wide, straight. 18. Fetlocks, wide, straight. 19. Pasterns, strong, angle with ground 45 degrees 10. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 11. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the should fall upon the center of the knee and pastern joints and back of hoof.  19. Chest, deep, low; girth large 12. Chest, deep, low; girth large 12. Loin, wide, short, thick 13. Back, straight, short, broad, muscled 14. Long, straight, short, broad, muscled 15. Loin, wide, short, thick 16. Underline, long; flank let down 17. Higs, smooth, wide, level 18. Croup, long, wide, muscular and sold and straight short, s		
8. Muzzle, fine; nostrils large; lips thin, even 9. Eyes full, bright, clear, large 10. Forehead, broad, full 11. Ears, size medium; pointed, well carried, not far apart 12. Neck, muscled; crest high; throatlatch fine; windpipe large. 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at 14. Arm, short, thrown forward. 15. Forearm, muscled, long, wide. 16. Knees, clean, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back 18. Fetlocks, wide, straight. 19. Pasterns, strong, angle with ground 45 degrees 20. Feet, size medium: even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  19: 22. Chest, deep, low; girth large 23. Ribs, long, sprung, close 24. Back, straight, short, thick 25. Loin, wide, short, thick 26. Underline, long; flank let down 27. Hips, smooth, wide, level. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, long, muscular, spread, open angled. 31. Thighs, long, muscular, spread, open angled. 32. Gaskins (or lower thighs), long, wide, muscular. 33. Hocks, clearly defined, wide, straight. 44. Cannons, short, wide; sinews large, set back. 55. Fetlocks, wide straight. 67. Fet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 68. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the piont of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, canno		
9. Eyes, full, bright, clear, large 10. Forchead, broad, full 11. Ears, size medium; pointed, well carried, not far apart 12. Neck, muscled; crest high; throatlatch fine; windpipe large. requarters: 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at 14. Arm, smiscled; crest high; throatlatch fine; windpipe large. 14. Arm, smiscled; long wide. 15. For throatland long wide. 16. Knees, clean, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back. 18. Fetlocks, wide, straight 19. Pasterns, strong, angle with ground 45 degrees 20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the should fall upon the center of the knee and pastern joints and back of hoof. 22. Chest, deep, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, thick. 25. Loin, wide, short, thick. 26. Highs, smooth, wide, level. 27. Hips, smooth, wide, level. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, long, muscular, spread, open angled. 31. Quarters, heavily muscled, deep. 22. Gaskins (or lower thighs), long, wide, muscular. 33. Hocks, clearly defined, wide, straight. 34. Cannons, short, wide; sinews large, set back. 55. Fetlocks, wide, straight. 56. Pasterns, strong, sloping. 57. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 58. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the li	8. Muzzlo fine: nostrils large: line thin even	
10. Forehead, broad, full.  11. Ears, size medium; pointed, well carried, not far apart  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at  withers.  13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at  withers.  14. Withers.  15. Forearm, muscled, long, wide.  16. Knees, clean, wide, straight, deep, strongly supported.  17. Cannons, short, wide; sinews large, set back  18. Fetlocks, wide, straight.  19. Pasterns, strong, angle with ground 45 degrees  20. Feet, size medium: even, straight; horn dense; frog large, elastic; bars strong; sole  20. Concave; heel wide, high.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should  fail upon the center of the knee, cannon, pastern, and foot; from the side, a per-  pendicular line dropping from the center of the elbow joint should fall upon the  center of the knee and pastern joints and back of hoof.  22. Chest, deep, low; girth large  23. Ribs, long, sprung, close  24. Back, straight, short, broad, muscled  25. Loin, wide, short, thick  26. Underline, long; flank let down  27. Hips, smooth, wide, level  28. Coup, long, wide, muscular  29. Tail, attached high, well carried  30. Thighs, long, muscular, spread, open angled  31. Quarters:  23. Hocks, clearly defined, wide, straight  34. Cannons, short, wide, sinews large, set back.  55. Fetlocks, wide, straight  36. Pasterns, strong, sloping  37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole  28. concave; heel wide, high.  39. Legs, viewed from behind, a perpendicular line from the point of the buttock  29. should fall upon the center of the hock, cannon, pastern, and foot; from the side,  a perpendicular line from the hip joint should fail upon the center of the foot and  divide the gaskin in the middle; and a perpendicular line from the point of the  20. Walk, elastic, quick, balanced  40. Trot, rapid, straight, regular, hi	O. Fros full bright class large, ups thin, even	
11. Ears, size medium: pointed, well carried, not far apart 12. Neck, muscled; crest high, throatlatch fine; windpipe large. requarters: 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers 14. Arm, short, thrown forward. 15. Forearm, muscled, long, wide 17. Cannons, short, wide; sinews large, set back 17. Cannons, short, wide; sinews large, set back 18. Fetlocks, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back 18. Fetlocks, wide, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a per- pendicular line dropping from the center of the shoulder should fall upon the center of the knee and pastern joints and back of hoof.  19. 22. Chest, deep, low; girth large 23. Ribs, long, sprung, close 24. Back, straight, short, broad, muscled 25. Loin, wide, short, thick 26. Underline, long; flank let down dq quarters: 27. Tail, attached high, well carried 28. Thigh, mooth, wide, level 29. Tail, attached high, well carried 30. Thighs, long, miscled, deep 20. Gaskins (or lower trights), long, wide, muscular 33. Hocks, clearly defined, wide, straight 34. Cannons, short, wide; sinews large, set back 35. Fetlocks, wide, straight 36. Pasterns, strong, sloping 37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the ca	10 Eyes, full bright, clear, faige	
12. Neck, muscled; crest high; throatlatch fine; windpipe large, requarters: 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers 14. Arm, short, thrown forward. 15. Forearn, muscled, long, wide. 16. Knees, clean, wide, straight, deep, strongly supported. 17. Cannons, short, wide; sinews large, set back. 18. Fetlocks, wide, straight. 19. Pasterns, strong, angle with ground 45 degrees. 20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the expensive and pastern joints and back of hoof. 22. Chest, deep, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, broad, muscled. 25. Loin, wide, short, thick. 26. Underline, long; flank let down diquarters: 27. Hips, smooth, wide, level. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, long, muscled, deep. 20. Gaskins (or lower thighs), long, wide, muscular. 31. Quarters, heavily muscled, deep. 22. Gaskins (or lower thighs), long, wide, muscular. 33. Hocks, clearly defined, wide, straight. 40. Croup, cannot, short, wide, straight. 41. Cannons, short, wide; sinews large, set back. 43. Fetlocks, wide, straight. 43. Pasterns, strong, sloping. 43. Fet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; hel wide, high, a perpendicular line from the point of the buttock should run parallel with the line of the cannon line. 44. Gantons strong, sloping. 45. Fet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; hel wide, the line from the hij joix, cannot, pastern, and doot from the sted a divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line	11. Fore size medium: pointed well carried not for apart	
re quarters:  13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers  14. Arm, short, thrown forward.  15. Forearm, muscled, long, wide.  16. Knes, clean, wide, straight, deep, strongly supported.  17. Cannons, short, wide; sinews large, set back.  18. Fetlocks, wide, straight.  19. Pasterns, strong, angle with ground 45 degrees.  20. Feet, size medium, etc., his prepadicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the shoulder should fall upon the center of the knee and pastern joints and back of hoof.  19.  22. Chest, deep, low; girth large.  23. Ribs, long, sprung, close.  24. Back, straight, short, broad, muscled.  25. Loin, wide, short, thick.  26. Underline, long; flank let down.  27. Tall, attached high, well carried.  29. Tall, attached high, well carried.  20. Thighs, long, muscled, deep.  22. Gaskins (or lower triphs), long, wide, muscular.  33. Hocks, clearly defined, wide, straight.  43. Cannons, short, wide, sinews large, set back.  54. Fetlocks, wide, straight.  55. Fetlocks, wide, straight.  56. Pasterns, strong, sloping.  57. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gask in in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  10. Walk, elsate, quick, balanced.  40. Trot, rapid, straight, regular, high.	12 Neck muscled crest high throatlatch fine windnine large	
13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers  14. Arm, short, thrown forward.  15. Forearm, muscled, long, wide.  16. Knees, clean, wide, straight, deep, strongly supported.  17. Cannons, short, wide; sinews large, set back.  18. Fetlocks, wide, straight.  19. Pasterns, strong, angle with ground 45 degrees.  20. Feet, size medium: even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, low; girth large.  23. Ribs, long, sprung, close.  24. Back, straight, short, broad, muscled.  25. Loin, wide, short, thick.  26. Underline, long; flank let down and quarters:  27. Hips, smooth, wide, level.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, long, muscular spread, open angled.  31. Quarters, heavily muscled, deep.  22. Gaskins (or lower thighs), long, wide, muscular.  33. Hocks, clearly defined, wide, straight.  34. Cannons, short, wide, sinews large, set back.  35. Fetlocks, wide, straight.  36. Pasterns, strong, sloping.  37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high, a perpendicular line from the point of the buttock should run parallel with the line of the cannon line from the point of the buttock should run parallel with the line of the cannon line from the point of the buttock should run parallel with the line of the cannon line.  39. Walk, elastic, quick, balanced.  40. Trot, rapid, straight, fegular, high.		
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35. Fellocks, wide, straight 36. Paisterns, strong, sloping 37. Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion: 39. Walk, elastic, quick, balanced 40. Trot, rapid, straight, regular, high	31. Quarters, heavily muscled, deep	
35. Fellocks, wide, straight 36. Paisterns, strong, sloping 37. Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion: 39. Walk, elastic, quick, balanced 40. Trot, rapid, straight, regular, high	32. Gaskins (or lower thighs), long, wide, muscular	
35. Fellocks, wide, straight 36. Paisterns, strong, sloping 37. Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion: 39. Walk, elastic, quick, balanced 40. Trot, rapid, straight, regular, high	33. Hocks, clearly defined, wide, straight	
35. Fellocks, wide, straight 36. Paisterns, strong, sloping 37. Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion: 39. Walk, elastic, quick, balanced 40. Trot, rapid, straight, regular, high	34. Cannons, short, wide; sinews large, set back.	
38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ion: 39. Walk, elastic, quick, balanced. 40. Trot, rapid, straight, regular, high	35. Fetlocks, wide, straight	
38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ion: 39. Walk, elastic, quick, balanced. 40. Trot, rapid, straight, regular, high	36. Pasterns, strong, sloping	
38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, canmon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  39. Walk, elastic, quick, balanced 40. Trot, rapid, straight, regular, high	37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole	1
should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ion:  39. Walk, elastic, quick, balanced	concave: heel wide, high	
a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  39. Walk, elastic, quick, balanced	38. Legs, viewed from behind, a perpendicular line from the point of the buttock	
divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ion: 39. Walk, elastic, quick, balanced	should tail upon the center of the nock, cannon, pastern, and foot; from the side,	
buttock should run parallel with the line of the cannon.  ion:  39. Walk, elastic, quick, balanced.  40. Trot, rapid, straight, regular, high	a perpendicular line from the nip joint should fail upon the center of the foot and	
ion: 39. Walk, elastic, quick, balanced 40. Trot, rapid, straight, regular, high	divide the gaskin in the middle; and a perpendicular line from the point of the	
39. Walk, elastic, quick, balanced		
40. Trot, rapid, straight, regular, high	(MOII): 90 Walk electic entire belonged	
	os. wars, erasuc, quick, Daranced	
Total	w. 1100, 1apiu, swaight, fegular, filgh	
	Total	1

## Kansas State Agricultural College.

Same as Kentucky card for light horses. (See p. 15.)

## Agricultural and Mechanical College of Kentucky.

V		
Scale of points for gelding.	Perfect score.	Student'score.
Conord approximate:		
Form, symmetrical, smooth, stylish Quality, bone clean, firm, indicating sufficient substance; tendons defined; hair	4	
and skin fine	4	
Head and neck: Head, lean, straight	1	
Muzzle, fine; nostrils large; lips thin, even; teeth sound Eyes, full, bright, clear, large.	1	
Forehead, broad, full  Fars size medium, pointed, well carried, not far apart.	1 1	
Neck, muscled; crest high; throatlatch fine; windpipe large	1	
Shoulders, long, smooth with muscle, oblique, extending into back	2	
Forearms, muscled, long, wide Knees, clean, wide, straight, deep, strongly supported.	2	
Cannone short wide sinews large set back	9	
Fetlocks, wide, straight, Pasterns, strong, angle with ground 45 degrees. Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong:	1 3	
Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong: sole concave; heel wide	6	
sole concave; heel wide Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof	1	
Body:		
Withers, muscled, well finished at top. Chest, deep, low; girth large	9	
Ribs, long, sprung, close Back, straight, short, broad, muscled.	2 2	
Loin, wide, short, thick. Underline, long: flank let down	2	
Hind quarters:		
H·ps, smooth, wide, level	2 2	
Croup, long, wide, muscular Tail, attached high, well carried Thighs, long, muscular, spread, open angled.	1 2	
Quarters, heavily muscled, deep Gaskins (or lower thighs), long, wide, muscular	2 2	
Hocks, clearly defined, wide, straight Cannons, short, wide: sinews large, set back	1 5	
Fetlocks, wide straight	1	
Pasterns, strong, sloping Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong:	2	
sole concave: heel wide, high. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from	4	
should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the cen- ter of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.	4	
ction: Walk, elastic, quick, balanced Trot, rapid, straight, regular, high	5 15	
Total.		
		1

# Maryland Agricultural College.

Scale of points, (sex.)	Perfect score.	Student's score.	Corrected.
General characters: Age, student's estimate, —; corrected, — Height, estimated, — hands; actual, — hands Weight, estimated, — pounds; actual, — pounds Form, type, —; symmetrical, smooth, stylish Quality, bone clean; tendons defined; hair and skin fine Temperament, energetic; disposition good.	1 2 1 2 4 8		
Y alond make	18		
Head and neck:  Head, lean, straight, shapely  Muzzle, fine; nostril large; ilps thin  Eyes, full, large, bright, clear.  Forchead, broad, full, fiat  Ears, size medium, pointed, well carried  Neck, muscled, crest high; windpipe large; throatlatch fine	1 1		
	6		
Body:  Withers, muscled. Chest, deep, low; girth large. Rlbs, long, well sprung, close. Back, straight, short, broad, muscled. Loins, wide, short, thick. Underline, long; flank low.	2 1 1		
	7		
Extremities: Shoulder, long, smooth, oblique, extending into back	1 1 2 2 2 2 2 2 1 6 6 2 2 4		
Action, walk smooth, clean, active; trot rapid, straight, even, clean, long, stride			
Total score Estimated market value	100		

## Massachusetts Agricultural College.

scare or points.  score.  Student's score.  Corrected				leficient.
3. General appearance: Weight, estimated pounds; actual pounds Height, 16 hands; estimated — hands; actual hands Form, type, —; symmetrical, smooth, stylish Quality, bone clean, firm; tendon defined; hair and skin fine Action, step smooth, long, active; trot rapid, straight, regular Temperament, active; disposition good  3. Head and neck: Head, lean, straight Muzzle, fine; nostril large; lips thin, even; teeth sound 1   1   Eyes, full, bright, clear, large Forehead, broad, full Ears, size medium, pointed, well carried Neck, muscled; crest high; throatlatch fine; windpipe large 2   7   7   7   7   7   7   7   7   7   7	Scale of points.	Perfect score.	Student's	Corrected.
Weight, estimated pounds; actual — pounds Height, 16 hands; estimated — hands; actual — hands. 2 Form, type, —; symmetrical, smooth, stylish 4 Quality, bone clean, firm; tendon defined; hair and skin fine. 4 Action, step smooth, long, active; trot rapid, straight, regular. 20 Temperament, active; disposition good. 33  33  33  33  44  45  46  46  47  46  48  48  48  49  49  40  40  40  41  41  41  41  41  42  42  43  43  43  43  44  44  48  48  49  40  40  41  41  41  41  41  41  41  41				
Quality, bone clean, firm; tendon defined; hair and skin fine. Action, step smooth, long, active; trot rapid, straight, regular.  20 Temperament, active; disposition good.  33  33  34  35  36  37  38  38  38  38  38  38  38  38  38	Weight, estimated pounds: actual — pounds			
Quality, bone clean, firm; tendon defined; hair and skin fine. Action, step smooth, long, active; trot rapid, straight, regular.  20 Temperament, active; disposition good.  33  33  34  35  36  37  38  38  38  38  38  38  38  38  38	Height, 16 hands; estimated — hands; actual — hands	2		
Action, step smooth, long, active; trot rapid, straight, regular.  Temperament, active; disposition good.  3  33  2. Head and neck: Head, lean, straight. Huzzle, fine; mostril large; lips thin, even; teeth sound. 1 Eyes, full, bright, clear, large. 2  Forearm, muscled, long, smooth, oblique, extending into back. 3 Arm, short, thrown forward. 1 Eyes, short, wide, straight, deep, strongly supported. 2 Examons, short, wide, sinews large, set back. 2 Eyetlocks, wide, straight, deep, strongly supported. 2 Eyes, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high. 2 Eyes, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high. 3  Eyes, long, sprung, close. 2 Eyes, size, straight, short, broad, muscled. 2 Eyes, sprung, close. 2 Eyes, sprung, close. 2 Eyes, sprung, close. 2 Eyes, sprung, close. 3 Eyes, sprung, close. 4 Eyes, sprung, close. 5 Eyes, long, sprung, close. 6 Eyes, long, sprung, close. 7 Eyes, long, sprung, close. 8 Eyes, sprung, close. 9 Eyes,	Ouglity bone clean firm: tendon defined; hair and skin fine	4		
Temperament, active; disposition good. 3 33  C. Head and neck: Head, lean, straight. Muzzle, fine; nostril large; lips thin, even; teeth sound 1 Ears, size medium, pointed, well carried 1 Neck, muscled; crest high; throatlatch fine; windpipe large 2  7  D. Fore quarters: Shoulder, long, smooth, oblique, extending into back. 3 Arm, short, thrown forward 1 Forearm, muscled, long, wide 6 Fetlocks, wide, straight, deep, strongly supported 2 Cannons, short, wide; sinews large, set back 2 Fetlocks, wide, straight, deep, strongly supported 2 Cannons, short, wide; sinews large, set pack 3 Fetlocks, wide, straight, deep, strongly supported 2 Cannons, short, wide; sinews large, set pack 2 Fetlocks, wide, straight, deep, strongly supported 2 Cannons, short, wide; sinews large, set pack 3 Fetlocks, wide, straight, the prund 45 degrees 2 Fetlocks, wide, straight, the prund 45 degrees 2 Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high. 19  C. Body: Withers, muscled. Chest, deep, low; girth large 2 Ribs, long, sprung, close 3 Back, straight, short, broad, muscled 2 Loins, wide, short, thick 2 Lunderline, long flank let down 1  T. Hind quarters: Hips, smooth, wide, level 2 Croup, long, wide, muscular 3 Tail, attached high, well carried 1 Thighs, long, muscular, spread, open angled 2 Quarters, heavily muscled, deep 3 Gaskins (or lower thighs), long, wide, muscular 2 Retoks, clearly defined, wide, straight. 8 Cannons, short, wide; sinews large, set back 2 Fetlocks, wide, straight. 8 Fetlocks, wide, straight. 8 Fetlocks, clearly defined, wide, straight. 8 Fetlocks, wide, straight. 9 Fetlocks, wide, stra	Action, step smooth, long, active: trot rapid, straight, regular	20		
3. Head and neck: Head, lean, straight. Muzzle, fine; nostril large; lips thin, even; teeth sound. 1	Temperament, active; disposition good	3		
Head, lean, straight. Head, lean, straight. Muzzle, fine; nostril large; lips thin, even; teeth sound Leyes, full, bright, clear, large Forehead, broad, full Ears, size medium, pointed, well carried Neek, muscled; crest high; throatlatch fine; windpipe large  7  Neek, muscled; crest high; throatlatch fine; windpipe large  2  Neore quarters: Shoulder, long, smooth, oblique, extending into back 3 Arm, short, thrown forward 1 Forearm, nuscled, long, wide 2 Knees, clean, wide, straight, deep, strongly supported 2 Knees, clean, wide, straight, deep, strongly supported 2 Cannons, short, wide; sinews large, set back 2 Fetlocks, wide, straight, deep, strongly supported 2 Cannons, short, wide, sinews large, set back 2 Fetlocks, wide, straight 1 Pasterns, strong, angle with ground 45 degrees 2 Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high  1  Chest, deep, low; girth large 2 Ribs, long, sprung, close 2 Ribs, long, sprung, close 2 Ribs, long, sprung, close 2 Loins, wide, short hield, muscled 3 Loins, wide, short hield, muscled 4 Loins, wide, short hield, muscled 5 Loins, wide, short hield, muscled 6 Loins, wide, short hield, muscled 7  Loing, wide, short hield, muscled 8 Loing, wide, short hield, wide, straight 8 Loannons, short, wide; sinews large, set back 1 Loannons, short, wide; sinews large, set back 1 Loannons, short, wide; sinews large, set back 2 Retelocks, wide, straight 1 Reterns, strong, slophing 1 Local Long, wide, sinews large, set back 1 Retelocks, wide, straight 1 Local Long, wide, large, elastic; bars 1 Local Long		99		
Head, lean, straight.  Muzzle, fine; nostril large; lips thin, even; teeth sound 1 Eyes, full, bright, clear, large 1 Forchead, broad, full 1 Ears, size medium, pointed, well carried 1 Neek, muscled; crest high; throatlatch fine; windpipe large 2  Neek, muscled; crest high; throatlatch fine; windpipe large 2  Ner quarters: Shoulder, long, smooth, oblique, extending into back 3 Arm, short, thrown forward 1 Forearm, nuscled, long, wide 2 Knees, clean, wide, straight, deep, strongly supported 2 Knees, clean, wide, straight, deep, strongly supported 2 Cannons, short, wide; sinews large, set back 2 Fetlocks, wide, straight 4 Pasterns, strong, angle with ground 45 degrees 2 Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high 6  Body: Withers, muscled 1 Chest, deep, low; girth large 2 Ribs, long, sprung, close 2 Rack, straight, short, broad, muscled 2 Lolas wide, short, thick 2 Underline, long thank let down 1  Hind quarters: Hips, smooth, wide, level 2 Croup, long, wide, muscular 2 Tail, attached high, well carried 1 Thighs, long, muscular, spread, open angled 2 Quarters, heavily muscled, deep 3 Gaskins (or lower thighs), long, wide, muscular 2 Hocks, clearly defined, wide, straight 2 Feet, median, even size, born dense; frog large, elastic; bars strong; sole concave; heels wide, high 6  Silvent Armen 2 Feet, median, even size, born dense; frog large, elastic; bars strong; sole concave; heels wide, high 6  Silvent Armen 2 Feet, median, even size, born dense; frog large, elastic; bars strong; sole concave; heels wide, high 6  Silvent Armen 2 Feet, median, even size, born dense; frog large, elastic; bars strong; sole concave; heels wide, high 6		33		
Muzzle, fine; nostril large, lips thin, even; teeth sound 1 Eyes, full, bright, clear, large 1 Forchead, broad, full 1 Neck, muscled; crest high; throatlatch fine; windpipe large 2  7  7  7  7  7  7  7  7  7  7  7  7  7				1
Eyes, full, bright, clear, large Forehead, broad, full Ears, size medium, pointed, well carried Neek, muscled; crest high; throatlatch fine; windpipe large  7  Neek, muscled; crest high; throatlatch fine; windpipe large  7  Neror quarters: Shoulder, long, smooth, oblique, extending into back 3 Arm, short, thrown forward Forearm, muscled, long, wide Knees, clean, wide, straight, deep, strongly supported 2 Knees, clean, wide, straight, deep, strongly supported 2 Cannons, short, wide, sinews large, set back 2 Fetlocks, wide, straight 1 Pasterns, strong, angle with ground 45 degrees Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high  1  Chest, deep, low; girth large 2 Ribs, long, sprung, close 1  Chest, deep, low; girth large 2 Ribs, long, sprung, close 1  Chest, deep, low; girth large 2 Ribs, long, sprung, close 1  Chiest, deep, low; girth large 2  Loins, wide, short, thick 2  Loins, wide, short, thick 2  Loins, wide, short, wide, level Croup, long fank let down 1  Nind quarters: Hips, smooth, wide, level Croup, long, wide, muscular 2  Croup, long, wide, muscular 3  Tail, attached high, well carried 1  Thighs, long, muscular, spread, open angled 2  Quarters, heavily musculed, deep 3  Gaskins (or lower thighs), long wide, muscular 4  Paetenes, strong, slophis 4  Feet, meathed, wide, straight 5  Resterns, strong, slophis 7  Feet, meathed, wide, straight 7  Feet, meathed, wide, straight 7  Resterns, strong, slophis 8  Total  Total  Total	Head, lean, straight	1		
Forehead, broad, full.   1   1   1   1   1   1   1   1   1	Muzzle, fine; nostril large; lips thin, even; teeth sound	1		
Ears, size medium, pointed, well carried Neck, muscled; crest high; throatlatch fine; windpipe large 2  7  7  7  7  7  7  7  7  7  7  7  7	Eyes, full, bright, clear, large	1		
Neck, muscled; crest high; throatlatch fine; windpipe large 2  7  7  7  7  7  7  7  7  7  7  7  7  7	Ears, size medium, pointed, well carried	1		
). Fore quarters: Shoulder, long, smooth, oblique, extending into back.  3 Arm, short, thrown forward.  Forearm, muscled, long, wide Knees, clean, wide, straight, deep, strongly supported.  2 Cannons, short, wide; sinews large, set back.  Petilocks, wide, straight, deep, strongly supported.  2 Cannons, short, wide; sinews large, set back.  Petilocks, wide, straight, leave, strongly supported.  2 Peter, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high.  6 Sody:  Withers, muscled. Chest, deep, low; girth large.  2 Ribs, long, sprung, close.  2 Back, straight, short, broad, muscled.  2 Loins, wide, short, thick.  2 Underline, long flank let down.  1 O  7. Hind quarters: Hips, smooth, wide, level.  2 Croup, long, wide, muscular  2 Tail, attached high, well carried.  1 Thighs, long, muscular, spread, open angled.  2 Gaskins (or lower thighs), long, wide, muscular.  2 Gaskins (or lower thighs), long, wide, muscular.  2 Hocks, clearly defined, wide, straight.  Cannons, short, wide; sinews large, set back.  Peter, early muscular, spread, open angled.  2 Peter, set wide, sinews large, set back.  2 Peter, strong, sloping.  Peter, frog large, elastic; bars strong; sole concave; heels wide, high.  3 I  Total.	Neck, muscled; crest high; throatlatch fine; windpipe large	2		
Shoulder, long, smooth, oblique, extending into back.   3   Arm, short, thrown forward.   1		7	!	
Shoulder, long, smooth, oblique, extending into back.   3   Arm, short, thrown forward.   1	Tone enautons			
Arm, short, thrown forward   1	Shoulder long smooth oblique extending into back	1 3		
Knees, clean, wide, straight, deep, strongly supported.   2   Cannons, short, wide; sinews large, set back   2   Fetlocks, wide, straight   1   Pasterns, strong, angle with ground 45 degrees   2   Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high   19   19     19   19   19     19   19     19	Arm, short, thrown forward.	i		
Cannons, short, wide; sinews large, set back   2   Fetlocks, wide, straight   1   1   Pasterns, strong, angle with ground 45 degrees   2   Freet, size medium, even horn dense; frog large; bars strong; sole concave; heel wide, high.   6     19	Forearm, muscled, long, wide	2		
Fetlocks, wide, straight.   1   Pasterns, strong, angle with ground 45 degrees   2   Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high   19     19     2	Knees, clean, wide, straight, deep, strongly supported	2		
Pasterns, strong, angle with ground 45 degrees.   2   Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high.   6   19				
Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high	Pasterns, strong, angle with ground 45 degrees	2		
19	Feet, size medium, even; horn dense; frog large; bars strong;			
2. Body: Withers, muscled. Chest, deep, low; girth large. Chest, deep, low; girth large. Ribs, long, sprung, close. Back, straight, short, broad, muscled. 2 Loins, wide, short, thick. 2 Loins, short, wide, level. 2 Croup, long, wide, muscular 2 Loins, smooth, wide, wide, straight. 2 Loins, short, wide, wide, straight. 2 Rodanters, heavily muscled, deep. 3 Gaskins (or lower thighs), long, wide, muscular. 4 Loannons, short, wide; sinews large, set back. 2 Reticlocks, wide, straight. 2 Reticlocks, wide, straight. 2 Reticlocks, wide, straight. 4 Pasterns, strong, sloping. 4 Feet, medium, even sie; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high 3 Loins 4 Loins, lo	sore concave, neer wide, night			
Withers, muscled.		19		
Chest, deep, low; girth large.   2   Ribs, long, sprung, close   2   2   Back, straight, short, broad, muscled   2   2   2   2   2   2   2   2   2				
Ribs, long, sprung, close	Withers, muscled	1		
Back, straight, short, broad, muscled	Chest, deep, low; girth large	2		•••••
Loins, wide, short, thick	Back straight short broad muscled	2		
F. Hind quarters:  Hips, smooth, wide, level.  Croup, long, wide, muscular  Tail, attached high, well carried  Tail, attached high, well carried  Tail, attached high, well carried  Tails, ong, muscular, spread, open angled  Quarters, heavily muscled, deep  Gaskins (or lower thighs), long, wide, muscular.  2  Hocks, clearly defined, wide, straight.  Cannons, short, wide; sinews large, set back  2  Fetlocks, wide, straight  Pasterns, strong, sloping.  Feet, medium, even size; horn dense; frog large, elastic; bars  strong; sole concave; heels wide, high  Total  Total	Loins, wide, short, thick	2		
P. Hind quarters:       2         Hips, smooth, wide, level.       2         Croup, long, wide, muscular       2         Tail, attached high, well carried       1         Thighs, long, muscular, spread, open angled       2         Quarters, heavily muscled, deep       3         Gaskins (or lower thighs), long, wide, muscular.       2         Hocks, clearly defined, wide, straight.       8         Cannons, short, wide; sinews large, set back       2         Fetlocks, wide, straight       1         Pasterns, strong, sloping       2         Feet, medium, even size; horn dense; frog large, elastic; bars       6         strong; sole concave; heels wide, high       31         Total       100	Underline, long flank let down	1		
Hips, smooth, wide, level		10		
Hips, smooth, wide, level				
Croup, long, wide, muscular   2   1   1   1   1   1   1   1   1   1	Hind quarters:	9		
Tail, attached high, well carried.	Croup long wide muscular	2		
Thighs, long, muscular, spread, open angled	Tail, attached high, well carried			
Gaskins (or lower thighs), long, wide, muscular.         2           Hocks, clearly defined, wide, straight.         8           Cannons, short, wide; sinews large, set back.         2           Fetlocks, wide, straight         1           Pasterns, strong, sloping         2           Feet, medium, even size; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high         6           31         31           Total         100	Thighs, long, muscular, spread, open angled	2		
Hocks, clearly defined, wide, straight.  Cannons, short, wide; sinews large, set back.  Fetlocks, wide, straight.  Pasterns, strong, sloping.  Feet, medium, even size; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high  Total.  100	Quarters, heavily muscled, deep	3		
Cannons, short, wide; sinews large, set back. 2 Retlocks, wide, straight . 1 Pasterns, strong, sloping . 2 Feet, medium, even size; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high 6  Total . 100	Gaskins (or lower thighs), long, wide, muscular	2 8		
Fetlocks, wide, straight 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Cannons, short, wide: sinews large, set back	2		
Pasterns, strong, sloping. Feet, medium, even size; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high 6 31 100	Fetlocks, wide, straight	1		
strong; sole concave; heels wide, high 6 31	Pasterns, strong, sloping	2		
Total	feet, medium, even size; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high	6		
Total				
stimated market value		100		
	estimated market value			

# College of Agriculture of the University of Minnesota.

Scale of points for gelding,	Perfect score.
1. Age, —	
General appearance:	
2. Weight, —	
4 Form symmetrical smooth stylish	
5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair	
and skin fine 6. Temperament, active; disposition good.	
6. Temperament, active; disposition good	
fead and neck:	
7. Head, lean, straight 8. Muzzle, fine; nostrils large; lips thin, even	
9. Eyes, full, bright, clear, large	į.
10. Forehead broad, full	
11. Ears, size medium; pointed, well carried, not far apart	
12. Neck, muscled; crest high; throatlatch fine; windpipe large	
ore quarters:	
13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers.	
14. Arms, short, thrown forward.	
15. Forearms, muscled, long, wide	
15. Forearms, muscled, long, wide	
17 Cannons short lean: tendons large set back	
18. Fetlocks, wide, straight. 19. Pasterns, strong, angle with ground 45°. 20. Feet, size medium, even; straight, horn dense; frog large, elastic; bars strong; sole	
19. Pasterns, strong, angle with ground 45°	
concave; heel wide, high, even	
21. Legs, viewed in front, a perpendicular line from the point of the shoulders should	
fall upon the center of the knee, cannon, pastern and foot; from the side, a per-	
fall upon the center of the knee, cannon, pastern and foot; from the side, a per- pendicular line dropping from the center of the elbow joint should fall upon the	
center of the knee and pastern joints and back of hoof	
ody:	!
22. Withers, muscled, well finished at the top	
25. Chest, deep, wide, low; girth large	
24. Ribs, long, sprung, close 25. Back, straight, short, broad, muscled	
26. Loin, wide, short, thick 27. Underline, long; flank let down	
27. Underline, long; flank let down	
ind quarters:	
28. Hips, smooth, wide, level	
29. Croup, long, wide, muscular 30. Tail, attached high, well carried.	
31. Thighs, long, muscular.	
32. Quarters, heavily muscled, deep	
32. Quarters, heavily muscled, deep. 33. Gaskins (or lower thighs), long, wide, muscled.	
34. Hocks, clean, wide, medium angle	
35. Cannons, short, wide; tendons large, set back	
36. Fetlocks, wide, strong.	
<ul><li>37. Pasterns, sloping, strong</li><li>38. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole</li></ul>	
concave; heel wide, high	
39. Legs, viewed from behind, a perpendicular line from the point of the buttock should	
fall upon the center of the book, cannon, pastern and foot; from the side, a per-	
pendicular line from the hip joint should fall upon the center of the foot and di-	
pendicular line from the hip joint should fall upon the center of the foot and di- vide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon	
buttock should run parallel with the line of the cannon	
etion: 40. Walk, elastic, quick, balanced	
41. Trot, rapid, straight, regular, high	
Total	1

# College of Agriculture and Mechanic Arts of the University of Missouri.

Scale of points.	Perfect.	Student's score.	Corrected.
General appearance:			
Height, estimated—hands; actual—hands	4		
Height, estimated—hands; actual—hands. Weight, estimated—pounds; actual—pounds Form, symmetrical, smooth, stylish.			
Quality, bone clean, flat; tendons well defined; skin and flair	- 1		
fine. Action, step smooth, quick, long; trot rapid, straight, regular,	4		
nign	15		
Temperament, active; disposition kind	4		
Head, lean, straight; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one held the length.	2		
head one-half its length	1		
Eves large full bright clear	2		
Forehead, broad, full.	1		
nead one-main its religion. Muzzle, fine; nostrils large; lips thin, even Eyes, large, full, bright, clear Forehead, broad, full. Ears, size medium; clean, fine, directed slightly forward, wide	١.		
Neck, well muscled; crest high; throatlatch clean, fine; wind-	1		
pipe large Fore quarters:	2		
Shoulders, long, oblique, extending into back; point of shoul-			
der to point of withers equals length of head	2		
Arms, short, thrown forward	1 2		
Forearms, vertical, long, wide, well muscled Knees, clean cut, wide, straight, deep, strongly supported Cannons, vertical, short, lean, wide; tendons well detached	2		
Cannons vertical short lean wide: tendons well detached	2		
Fetlocks, wide, clean, straight	1		
Pasterns, strong, sloping, angle with ground 45 degrees	2		
Fetlocks, wide, clean, straight.  Pasterns, strong, sloping, angle with ground 45 degrees.  Feet, size round, even; horn dark colored, dense; sole concave; bars strong; frog large, elastic; heel wide, vertical, one-half			
length of toe  Fore legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center	4		
of the knee and pastern joints and back of hoof	4	.,	
Chest, deep, wide, more than half the height of horse			
Withers, clearly defined, well muscled	1		
Ribs, long, well sprung, wide apart. Back, straight, short, broad, muscular.	2 2		
Laine wide short thield	2		
Loins, wide, short, thick Flank, thin, low	ī		
Hind quarters:			
Hips, smooth, wide, level	2		
Croup, long, wide, muscular, somewhat sloping	3		
Tail, attached high, long, full, fine, well carried.  Thighs, long, muscular; stifle diverted slightly outward	1 2		
Buttocks, heavily muscled, well descended	2		
Quarters, heavily muscled, deep	. 3		
Hock, clearly defined, wide, straight	. 2		
Cannons, short, wide	. 2		
Fetlocks, wide, clean, straight	1 2		
Pastern, strong, sloping Feet, compared with above, more oval, more concave; heels	2		
nigner; waits more vertical:  Hind legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the lower thigh in the middle; and a perpendicular line	4		
from the point of the buttock should run parallel with the line of the cannon	. 4		
		-	
Total	. 100	1	

# North Dakota Agricultural College.

			leficient.
Scale of points for geldings.	Perfect score,	Student's score.	Corrected
Age, —			
Jeneral appearance:			
Weight, — pounds; actual — pounds. Height, 16 hands; estimated — hands; actual — hands.			
Height, 16 hands; estimated — hands; actual — hands	2		
Form, type ——; symmetrical, smooth, stylish	4		
Quality, bone clean, firm; tendons, defined; hair and skin fine	8		
Temperament, active; disposition good	5		
Iead and neck:			
Head, lean, straight. Muzzle, fine; nostrils large; lips thin, even; teeth sound	1		
Eves, full, bright, clear, large	1		
Forehead, broad, full	2		
Ears, size medium: pointed, well carried	1		
Neck, muscled; crest high; throatlatch fine; windpipe large	9		
Fore quarters:	2		
Shoulder, long, smooth, oblique, extending into back	3		
Arm, short, thrown forward	1		
Arm, short, thrown forward  Forearm, muscled, long, wide	2		
Knees, clean, wide, straight, deep, strongly supported	2		
Cannons, short, wide sinews large, set back	2		
Fetlocks, wide, straight	1		
Pasterns, strong, angle with ground 45 degrees	3		
Feet, size medium, even; horn dense; frog large; bars strong;			
sole concave; heel wide, high	8		
Body:			
Chest, deep, low; girth large	, 3		
Ribs, long, sprung, close	2		
Back, straight, short, broad, muscled	2		
Loins, wide, short, thick	2		
Underline, long; flank let down	1		
lind quarters:			
Hips, smooth, wide, level	2		
Croup, long, wide, muscular	2		
Tail, attached high, well carried. Thighs, long, muscular, spread, open angled	2		
Quarters, heavily muscled, deep.			
Gaskins, (or lower thighs) long, wide, muscular			
Hocks, clearly defined, wide, straight.			
Cannons, short, wide; sinews large, set back	2		
Fetlocks, wide, straight			
Pasterns strong sloping			
Pasterns, strong, sloping	-		
strong; sole concave; heel wide, high	6		
Action, step smooth, long, active; trot rapid, straight, regular			
zicion, step smooth, iong, active, trot rapid, straight, regular	10		
Total	100		
Stimated market value			

### The Pennsylvania State College.

	Perfect score.	Points off.
Eyes, prominent, clear, intelligent, expressive Objections, sunken small, wild, vicious.	4	
Head, clean cut; face straight, wide between the eyes; ears medium size, quick; nostrils large, delicate, open; lower jaw clean, strong; muzzle fine.  Objections, thick, coarse, beefy, lacking character and quality; face dished, too full.	. 7	
Neck, symmetrical in length and proportions, graceful; full, arched at crest; clean cut at throttle.  Objections, too short; thick at throttle; low at crest.	4	
Shoulders, flat, strong; oblique, good width and depth Objections, narrow, too round, too upright.	4	
Chest, deep, full, expansive. Objections, sunken, narrow, contracted behind elbows.	4	
Forearm, well formed, strong and muscular for high action.  Barrel, deep, moderately well rounded; ribs long, springy; loins strong;	8	
back short, strong Objections, length too great, light, sunken.		
Coupling, smooth, strong, full, close ribbed, extending evenly over the hips. Objections, long and loose, sunken loin or cut up too high in flank.	3	
Quarters, symmetrical, muscular, good length, not too sloping, smoothly joined to body.  Objections, short, steep.	3	
Objections, short, steep.  Tail, long, full, well set, carried high; quality fine  Objections, set too low, straight, stiff.	2	
Stifles and gaskins, muscular, strong, flexible.  Hock, sound, clean, good width, strong, without too great an angle, free	8	
from meatiness	6	
Knees, neither sprung nor calf kneed, broad, straight, strong, relatively high. Objections, narrow, weak, crooked. Cannons, flat, broad, smooth, clean, fine quality yet with abundant sub-	6	
stance, moderately long	4	
Pasterns, strong, fair length, sound, clean, sloping  Objections, too short and straight, too long and weak,	5	
Feet, medium height, straight, squarely set, free from contracted heels; soles and walls tough; frog full, elastic.  Objections, narrow, contracted, flat, crooked.	7	
Color, characteristic of breed.	3	
Size, 15 to 16 hands, well proportioned	4	
Coat and skin, hair fine, silky; skin soft, pliable	6	
Objections, coarse, hide bound, staring coat.		1
Action, easy, elastic, straight, even, high, showy. Objections, sluggish, ungainly, too low.	10	
Symmetry and style, well proportioned throughout; position of horse when standing and carriage when in motion attractive, showy, strong  Objections, low headed, lacking in energy, finish, and quality.	8	
Total	100	

 $\label{eq:Note-of-the-control} \textbf{Note}. \\ -\textbf{Under the head of "Objections" only a few of the most common are named. Other defects should be scored according to their importance. \\$ 

### South Dakota Agricultural College.

Same as Iowa card for light horses. (See p. 14.)

## The Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student score.
General appearance;		
1. Weight, 900–1,100 pounds; age, ——; color, —— 2. Height, 16 hands; estimated, —— hands; actual, —— hands		
2. Height, 16 hands; estimated, — hands; actual, — hands	2	
3. Conformation, symmetrical, smooth, stylish	4	
4. Quality, bone clean, firm; tendons defined; hair and skin fine	4	
<ol><li>Action, step smooth, long, active; trot rapid, straight, regular</li></ol>	20	
6. Temperament, active; disposition good	3	
. Head and neck:	_	
7. Head, lean, straight		
8. Muzzle, fine; nostrils large; lips thin; corresponding teeth sound	1	
9. Eyes, full, bright, clear; eyelids oval	1	
10. Forehead, broad, full 11. Ears, size medium; pointed, well carried	1	
12. Neck, muscled; crest high; throatlatch fine; windpipe large	1	
Fore quarters:	2	
13. Shoulder, long, smooth, oblique, extending into back	3	
14. Arm, short, thrown forward; forearm muscled, long, wide	3	
15. Knees, clean, wide, straight, deep, strongly supported; cannons short,		
wide: tendons large, set back.	4	
16. Fetlocks, wide, straight; pasterns strong, angle with ground 45 degrees	3	
17. Feet, size medium, even; horn dense; sole concave; bars strong; frog		
prominent, elastic; heels wide, high	5	
). Body:		
18. Withers, muscled	3	
19. Chest, deep, low; girth large	3	
20. Ribs, long, sprung, close	2	
21. Back, straight, short, broad, muscled	2	
22. Loins, wide, short, thick	2	
23. Underline, long; flank let down	1	
. Hind quarters:	1 -	
24. Hips, smooth, wide, level; croup long, wide, muscular		
25. Tail, attached high, well carried	1	
26. Thighs, long, muscular, spread, open angled	2	
27. Quarters, heavily muscled, deep		
28. Gaskin, long, wide, muscular		
29. Hocks, clearly defined, wide, straight; cannons short, wide; sinews large, set back		
30. Fetlocks, wide, straight; pasterns strong, sloping	3	
30. Fetiocks, wide, straight; pasterns strong, sloping	. 3	
sole concave: heels wide, high	5	
NOTO COMOUTO, ILCOS WILLO, ILIGII		
Total	100	

# Agricultural and Mechanical College of Texas.

Scale of points.	Perfect	Points d	leficient.
(Note.—The points as herein described are regarded as constituting perfection. The nature, extent, and importance of the defects presented are thus made apparent by contrast.)	score,	Student's score,	Corrected score.
1. Age,			
9 General appearance—33 points:		ŀ	
Weight, — pounds; actual, — pounds. Height, 16 hands; estimated, — hands; actual, — hands			
Conformation, symmetrical, smooth, stylish	2		
Quality, bone clean, firm; tendons defined; hair and skin fine.	4		
Action, step smooth, long, active; trot rapid, straight, regular	90		
Temperament, active; disposition good	20		
3. Head and neck—7 points:	"		
Head, lean, straight	1		
Muzzle, fine: nostrils large: lips thin, even: teeth sound	1		
Eves, full, bright, clear, large	1		
Forehead, broad, low	1		
Ears, size medium; pointed, well carried	1		
Neck, muscled; crest high; throatlatch fine; windpipe large	2		
4. Fore quarters—19 points:			
Shoulder, long, smooth, oblique, extending into back	3		
Arm, short, thrown forward	1		
Forearm, muscled, long, wide	2		
Knees, clean, wide, straight, deep, strongly supported Cannons, short, wide; sinews, large set back	9		
Fotlook wide straight	1 1		
Fetlock, wide, straight. Pasterns strong; angle with ground 45 degrees	2		
Feet, size medium, even; horn dense; bars strong; sole concave;	-		
heels wide, high	6		
	_		
Withers, muscled. Chest, deep, low; girth large	1		<i></i>
Chest, deep, low; girth large	2		
Ribs, long, sprung, close	2		
Back, straight, short, broad, muscled	2		
Ribs, long, sprung, close Back, straight, short, broad, muscled. Loins, wide, short, thick. Underline, long; flank let down	2		
Underline, long; Hank let down	1	,	
6. Hind quarters—31 points:			
Hips, smooth, wide, level	2		
Croup, long, wide, muscular. Tail, attached high, well carried Thighs, long, muscular, spread, open angled	. í		
Thighs long muscular engad open angled	1 5		
Ouarters heavily muscled deen	3		
Gaskins (or lower thighs) long wide muscular	2		
Quarters, heavily muscled, deep Gaskins (or lower thighs), long, wide, muscular. Hocks, clearly defined, wide, straight. Cannons, short, wide; sinews large, set back	2 3 2 8		
Cannons, short, wide: sinews large, set back	2		
Pasterns, strong, sloping	2		
Feet, size medium, even; horn dense; frog large; bars strong;		1	
Pasterns, strong, sloping Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heels wide, high.	6		
Total			l

# Agricultural College of Utah.

		Score.	
Scale of points.	Stand- ard.	Student's.	Corrected.
General appearance:			
Age, as indicated by teeth. —			
Weight, estimated. — pounds: actual. — pounds			
Height, 16 hands; estimated, — hands; actual, — hands	2		
Form, type, —, symmetrical, smooth, stylish	1 4		
Quality, bone clean, firm; tendons defined: hair and skin fine.	8		
Action, step smooth, long, active; trot rapid, straight, regular.	8		
Temperament, active; disposition good	4		
Head and neck:			
Head, lean; face straight, wide between the eyes	1		
Muzzle, fine; nostrils large; lips thin, even; teeth sound	1		
Eyes, full, bright, clear, large.	1		
Forehead, broad, full	1 1		
Ears, size medium; pointed, well carried	1		
Neck, muscled, symmetrical; crest high; throttle clean, fine; windpipe large			
Fore quarters:	0		
Shoulders, long, smooth, oblique, extending into back			
Arm, short, thrown forward	1		
Fore arm, muscled, long, wide.	. 9		
Knees, clean, wide in front, straight, deep, strongly supported.	9		
Cannons, short, wide on the side; sinews large, set back	9		
Fatlook wide streight	ī		
Fetlock, wide, straight. Pasterns, strong, fair length, sound, angle with the ground 45			
degrees.	3		
Feet, size medium, even; straight, squarely set; horn dense;			
frog large; bars strong; sole concave; heel wide, high	8		1
Body:			
Withers, muscled Chest, deep, low; girth large, — feet, — inches Ribs, long, sprung, close	1		
Chest, deep, low; girth large, — feet, — inches	3		
Ribs, long, sprung, close	2		
Back, straight, short, broad, muscled	2		
Loins, wide, short, thick	2		
Underline, long; flank let down	1		
Hind quarters:			
Hips, smooth, wide, level	2		
Croup, long, wide, muscular	2		
Tail, attached high, well carried	1		
Thighs, long, muscular, spread, open angled	2		
Quarters, heavily muscled, deep, broad	3		
Gaskins (or lower thighs), long, wide, muscular	2		
Hocks, clearly defined, wide from side and in front, muscular,			
not too great an angle.	8		
Cannons, short, wide; sinews large, set back	2	,	
Fetlocks, wide, straight	1		
Pasterns, strong, sloping. Feet, medium, even size; horn dense; frog large, elastic; bars	2		
reet, medium, even size; norn dense; frog large, elastic; bars			
strong; sole concave; heels wide, high	0		,
Total	06		1
Estimated market value	98		

# Agricultural College of the University of Wisconsin.

	D	Points d	leficient.
Scale of points.	Possible score.	Student's score.	Correcte
Age, —	1		
General appearance—28 points:			
Weight, — pounds; actual — pounds.			
Form type - symmetrical amouth stylish	2		
Height, estimated, — hands; actual, — hands. Form, type —; symmetrical, smooth, stylish. Quality, bone clean, fine; tendons well defined; hair and skin	4.		
fine.	4		
Action, step smooth, long, active; trot rapid, straight, regular	15		
Temperament, active; disposition good			i
Head, not too large, features well defined, regular	2		
Muzzle, fine; nostrils large, flexible; lips thin, even	1		
Eyes, full, bright, clear, large	2		
Forehead, broad, full Ears, size medium; pointed, well carried.	1		
Ears, size medium; pointed, well carried	1		
Lower jaw, angles wide; space clean	1		
Neck, muscled, arched; throatlatch fine; windpipe large	3		
ore quarters—20 points:		1	l
Shoulder, long, smooth, oblique, extending into back	3		
body	1		
Forearm well muscled long wide	2		
Forearm, well muscled, long, wide. Knees, clean, wide, straight, deep, strongly supported	2		
Cannons short clean: tendons large hard set well back	. 2		
Fetlocks, wide, straight, square Pasterns, strong, lengthy, angle with ground 45 degrees	l ī		
Pasterns, strong, lengthy, angle with ground 45 degrees	3		
Feet, size medium, even; horn dense; frog large; bars strong;			
sole concave; heel wide, not low	6		
ody—10 points:	i i		
Withers, high, extending well back	1		
Chest, deep, low; girth large	2		
Ribs, deep, well sprung, close.  Back, straight, short, broad, well muscled.	2		
Back, straight, short, broad, well muscled	2 2		
Loins, wide, short, thick			
Underline, long; flank narrow above, let well down	1		
Hips, smooth, wide, level	9		1
Croup, long, wide, muscular, not drooping	2		
Tail, attached high, well carried.	1		
Thighs, muscular, spread, open angled	3		
Stiffes, well muscled			
Gaskins (or lower thighs), long, broad, muscular			
Hocks, clearly defined, wide, straight, deep	7		
Hocks, clearly defined, wide, straight, deep	2		
Fetlocks, wide, straight, square	1		
Pasterns, strong, oblique, springy Feet, size medium, even; horn dense; frog large, elastic; bars	3		
Feet, size medium, even; horn dense; frog large, elastic; bars strong; sole concave; heels wide	4		ļ
salong, core concure, neem mac	T		
Total	100		
stimated market value	100		

## DRAFT HORSES.

# The State Agricultural College of Colorado.

Scale of points for gelding.  ge, — eneral appearance: Height, estimated, — hands; actual, — hands Hight, estimated, — hands; estimated — pounds; score according to get		-		eficient.
emeral appearance: Height, estimated, — hands; actual, — hands Weight, over 1,500 pounds; estimated — pounds; score according to age. Form, broad, massive, proportioned.  Form, broad, massive, proportioned.  Form, broad, massive, proportioned.  Full permanent, energetic; disposition good.  Head and neck.  Huzzle, fine: nostrils large; lips thin, even.  Eyes, full bright, clear.  Forehead, broad, full.  Ears, size medium; well carried.  Neck, muscled; crest high; throat latch fine; windpipe large.  Tore quarters: Shoulder, sloping, smooth, snug, extending into back.  Arm, short, thrown back.  Forearm, heavily muscled, long, wide.  Knees, wide, clean cut, straight, deep, strongly supported.  Cannons, short, lean, wide; sinews large, set back.  Fellocks, wide, straight, strong.  Fasterns, sloping, lengthy, strong.  Freet, size large, even; horn dense; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and verficater, of the knee and pastern joints and back of hoof.  Chest, deep, wide, low; girth large.  Chest, lowed from bedied, and bedeen deep large length of the large large, leastic; hee	Scale of points for gelding.	Perfect score.	Student's	Corrected
emeral appearance: Height, estimated, — hands; actual, — hands Weight, over 1,500 pounds; estimated — pounds; score according to age. Form, broad, massive, proportioned.  Form, broad, massive, proportioned.  Form, broad, massive, proportioned.  Full permanent, energetic; disposition good.  Head and neck.  Huzzle, fine: nostrils large; lips thin, even.  Eyes, full bright, clear.  Forehead, broad, full.  Ears, size medium; well carried.  Neck, muscled; crest high; throat latch fine; windpipe large.  Tore quarters: Shoulder, sloping, smooth, snug, extending into back.  Arm, short, thrown back.  Forearm, heavily muscled, long, wide.  Knees, wide, clean cut, straight, deep, strongly supported.  Cannons, short, lean, wide; sinews large, set back.  Fellocks, wide, straight, strong.  Fasterns, sloping, lengthy, strong.  Freet, size large, even; horn dense; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and verficater, of the knee and pastern joints and back of hoof.  Chest, deep, wide, low; girth large.  Chest, lowed from bedied, and bedeen deep large length of the large large, leastic; hee	Age		1	
Image:   I				
Image:   I	Height, estimated, — hands; actual, — hands			
Image:   I	Weight, over 1,500 pounds; estimated —— pounds; score accord-			
Image:   I	Form broad massive proportioned	4		
Image:   I	Quality, hone smooth, hard; tendons lean; skin and hair fine	4		
Head, lean; size medium.   1	Temperament, energetic; disposition good	4		
Muzzle, fine; nostrils large; lips thin, even. 1 Eyes, full, bright, clear. 1 Forchead, broad, full 1 Ears, size medium; well carried. 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck, muscled; crest high; strong, wide 1 Neck, muscled; crest high; strong, wide, keep, strongly supported 2 Nences, wide, clear cut straight, strong, wide, keep, strongly supported 2 Nethers, sloping, lengthy, strong, wide, straight, strong, wide, clear cut, sloping, lengthy, strong, wide, clear cut, sloping, lengthy, strong, wide, clear cut, sloping, lengthy, strong, wide, can wide and vertical to ground. 1 Neck, sloping, lengthy, strong, wide, clear, clear wide, latch wide, sloping from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the knee, and pastern joints and back of hoof.  **Cotype, wide, low; girth large 2 Ribs, long, close, sprung 2 Rabe, straight, short, broad, muscular 2 Loins, wide, short, thick, straight. 2 Linderline, flank low 1 Hips, smooth, wide. 1 Linderline, flank low 2 Linderline, flank low 2 Linderline, flank low 1 Linderline, flank low 2 Linderline, flank low 3 Linderline, flank low 4 Lin	lead and neck:		1	
Eyes, full, bright, clear. Forchead, broad, full Ears, size medium; well carried. Neck, muscled; crest high; throat latch fine; windpipe large. 1 Neck muscled; crest high; throat latch fine; windpipe large. 1 Neck muscled; crest high; throat latch fine; windpipe large. 1 Neck muscled; crest high; throat latch fine; windpipe large. 1 Neck muscled; crest high; throat latch fine; windpipe large. 2 Arm, short thrown back. 2 Arm, short thrown back. 3 Arm, short thrown back. 4 Cananos, short, lean, wide; shews large, set back. 4 Croup, wide, short, thick, straight. 4 Croup, wide, short, thick, straight. 4 Croup, wide, muscular. 5 Croup, wide, muscular. 6 Croup, wide, muscular. 7 Ani, attached high, well carried. 7 Ari, attached high, well carried. 8 Croup, wide, muscular. 9 Cannons, short, wide, straight, strong. 9 Pasterns, sloping, strong, lengthy. Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 1 Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should round here center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should round. 1 Cannons, short, wide; sinews large, set back. 9 Cannons, short, wide; sinews large, est p	Head, lean; size medium	1		
Forehead, broad, full Ears, size medium; well carried.  Neck, muscled; crest high; throat latch fine; windpipe large  ore quarters: Shoulder, sloping, smooth, snug, extending into back.  Arm, short, thrown back.  Forearm, heavily muscled, long, wide. Knees, wide, clean cut, straight, deep, strongly supported.  Cambons, short, lean wide; sinews large, set back.  Pasterns, sloping, lengthy, strong.  Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the cente	Muzzle, file; nostriis large; fips thin, even	1		
Ears, size medium; well carried. Neck, muscled; crest high; throat latch fine; windpipe large 1 Neck puscled; crest high; throat latch fine; windpipe large 1 Neck puscled; crest high; throat latch fine; windpipe large 1 Neck puscled; crest high; throat latch fine; windpipe large 1 Neck puscled; long, smooth, snug, extending into back. 2 Arm, short, thrown back. 2 Arm, short, thrown back. 2 Knees, wide, clean cut, straight, deep, strongly supported 2 Knees, wide, clean cut, straight, deep, strongly supported 2 Knees, wide, clean cut, straight, deep, strongly supported 2 Knees, wide, clean cut, straight, deep, strongly supported 2 Knees, wide, clean cut, straight, deep, strongly supported 2 Robert straight, sleep, wide, loop; hor latch strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the below joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the low of the knee and pastern joints and back of hoof.  4 Cody of the knee and pastern joints and back of hoof.  5 Chiest, deep, wide, low; girth large. 2 Chiest, deep, wide, low; girth large. 2 Chiest, deep, wide, low; girth large. 3 Chiest, deep, wide, wide, straight. 3 Chiest, deep, wide, wide, wide, muscled. 4 Croup, wide, muscular. 5 Croup, wide, muscular. 6 Croup, wide, muscular. 7 Chiest, deep, heavily muscled. 7 Croup, wide, muscular. 8 Croup, wide, muscular. 9 Croup, wide	Forehead broad full	1		
Neck, muscled; crest high; throat latch fine; windpipe large ore quarters; Shoulder, sloping, smooth, snug, extending into back.  Arm, short, thrown back.  Forearm, heavily muscled, long, wide Knees, wide, clean cut, straight, deep, strongly supported.  Cannons, short, lean, wide; sinews large, set back.  Fellocks, wide, straight, strong.  Pasterns, sloping, lengthy, strong.  Feet, size large, even; horn dense; sole concave; bars strong; real to ground the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, one-haif length of toe and verfice of the knee and pastern joints and back of hoof.  Chest, deep, wide, low; girth large.  Chest, deep, wide, low; girth large.  Ribs, long, close, sprung.  Chest, deep, wide, short, thick, straight.  Lunderline, flank low.  Indiquarters:  Hips, smooth, wide.  Chest, deep, heavily muscled.  Chest, the shoulder.  Chest, deep, wide, low; girth large.  Ribs, long, close, sprung.  2 Ribs, long, close, sprung.  2 Lounderline, flank low.  Indiquarters:  Hips, smooth, wide.  Chest, the shoulder.  Chest, the shoulder.  Chest, the shoulder.  Chest, the shoulder.  Chest, deep, heavily muscled.  Chest, deep, heavily muscled.  Chest, size large, even; horn dense; dark color; sole concave; bars strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of the sank in the middle, and a perpendicular line from the point of the buttock should rall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should rall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should rall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line fr	Ears, size medium; well carried	1		
Shoulder, sloping, smooth, snug, extending into back. 2 Arm, short, thrown back. 1 Forearm, heavily muscled, long, wide. 2 Knees, wide, clean cut, straight, deep, strongly supported. 2 Cannons, short, lean, wide; sinews large, set back. 2 Fetlocks, wide, ethical cut, straight, deep, strongly supported. 2 Cannons, short, lean, wide; sinews large, set back. 2 Fetlocks wide, straight, strong. 1 Fasterns, sloping, lengthy, strong. 3 Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 4 Lord of the strong of the should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof. 4  cody: Chest, deep, wide, low; girth large. 2 Ribs, long, close, sprung 2 Back, straight, short, broad, muscular 2 Loins, wide, short, thick, straight. 2 Linderline, flank low. 1 Lind quarters: 4 Linderline, flank low. 1 Lind quarters: 4 Lips, smooth, wide. 2 Croup, wide, muscular 2 Croup, wide, muscular 3 Lips, smooth, wide. 3 Lips, smooth, wide. 3 Lips, smooth, wide, straight. 4 Lips, smooth, wide, straight. 4 Lips, smooth, wide, straight. 5 Lips, smooth, wide, straight. 6 Lips, viewed from behind, a perpendicular line from the point of the buttock should run behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run behind, a perpendicular line from the point of the buttock should run behind, a perpendicular line from	Neck, muscled; crest high; throat latch fine; windpipe large	1		
Arm, short, thrown back. Forearm, heavily muscled, long, wide Knees, wide, clean cut, straight, deep, strongly supported Cannons, short, lean, wide; sinews large, set back Petlocks, wide, straight, strong Fasterns, sloping, lengthy, strong Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, and pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  of the knee and pastern joints and back of hoof.  Side of the control of the control of the straight, short, broad, muscular Loins, wide, short, thick, straight.  1 Croup, wide, short, thick, straight.  2 Loins, wide, short, wide, control of the straight, strong the pastern, short, wide, muscular Tail, attached high, well carried.  1 Thighs, muscular.  2 Croup, wide, muscular 2 Croup, wide, muscular 2 Classkins (or lower thighs), wide, muscled.  2 Gaskins (or lower thighs), wide, muscled.  2 Gaskins (or lower thighs), wide, muscled.  2 Gaskins (or lower thighs), wide, muscled.  2 Hocks, clean cut, wide, straight, strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  Cen, with should fall upon the center of the hock, cannon, bip joint should fall upon the center of the hock, cannon, bip joint should fall upon the center of the hock, cannon, bip joint should fall upon the center of the hock, cannon, bip joint should fall upon the center of the hock, cannon, bip joint should fall upon the center of the				
Knees, while, crean cut, straight, deep, strongly supported.  Cannons, short, lean, wide; sinews large, set back.  Fetlocks, wide, straight, strong. Fasterns, sloping, lengthy, strong. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  Shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line drouping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of hoof.  Coty:  Chest, deep, wide, low; girth large.  Back, straight, short, broad, muscular.  Loins, wide, short, thick, straight.  2 Loins, wide, short, thick, straight.  2 Loins, wide, short, thick, straight.  2 Loins, wide, muscular.  2 Loins, wide, muscular.  2 Loins, wide, muscular.  2 Lorderline, flank low.  Indiq quarters:  Hips, smooth, wide.  2 Croup, wide, muscular.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq partern detail upon the center of the foot and di	Shoulder, sloping, smooth, snug, extending into back	2		
Knees, while, crean cut, straight, deep, strongly supported.  Cannons, short, lean, wide; sinews large, set back.  Fetlocks, wide, straight, strong. Fasterns, sloping, lengthy, strong. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  Shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line drouping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of hoof.  Coty:  Chest, deep, wide, low; girth large.  Back, straight, short, broad, muscular.  Loins, wide, short, thick, straight.  2 Loins, wide, short, thick, straight.  2 Loins, wide, short, thick, straight.  2 Loins, wide, muscular.  2 Loins, wide, muscular.  2 Loins, wide, muscular.  2 Lorderline, flank low.  Indiq quarters:  Hips, smooth, wide.  2 Croup, wide, muscular.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq quarters.  4 Lorderline, flank low.  Indiq quarters.  2 Lorderline, flank low.  Indiq partern detail upon the center of the foot and di	Arm, snort, thrown back	1		
Cannons, short, lean, wide; sinews large, set back. Fetlocks, wide, straight, strong. Pasterns, sloping, lengthy, strong. Peet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon, ction.  Walk, smooth, quide, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.	Knees wide clean out straight deen strangly supported	2		
Fetlocks, wide, straight, strong. Pasterns, sloping, lengthy, strong. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, and postern of the knee and pastern joints and back of hoof.  down the center of the elbow joint should fall upon the center of the knee, and pastern joints and back of hoof.  down the center of the elbow joint should fall upon the center of the knee, and pastern joints and back of hoof.  down the center of the elbow joint should fall upon the center of the knee, and pastern joints and back of hoof.  down the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and the center of the knee, and pastern joints and back of hoof.  down the center of the lebow joint should fall upon the center of the lock, class using the cannons, short, wide; and muscled.  2	Cannons, short, lean, wide; sinews large, set back			
Pasterns, sloping, lengthy, strong. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, canon, pastern, and foot; from the slide, a perpendicular line dropping from the center of the elbow joint should fall upon the ether of the knee and pastern joints and back of hoof.  Citest, deep, wide, low; girth large.  2 Ribs, long, close, sprung.  Back, straight, strong, density, swide, should all upon the enter of the low of the large of t	Fetlocks wide straight strong	1		
cal to ground. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, canon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, canon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.    Chest, deep, wide, low; girth large.   2   2   2   2   2   2   2   2   2	Pasterns, sloping, lengthy, strong	3		
Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joints and back of hoof.  do'd o'the knee and pastern joint should fall upon the center of the hook, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon, etion.  walk, smooth, quide, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon, etion.  Walk, smooth, quide, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon, etion.  Tot, rapid, straight, regular.	Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.	Q		
Chest, deep, wide, low; girth large Chest, deep, wide, low; girth large Ribs, long, close, sprung Back, straight, short, broad, muscular Loins, wide, short, thick, straight Loins, wide, muscular Loroup, wide, muscled Loroup, wide, straight  strong Loroup, wide, straight, strong Loroup, wide, wide, wide, wide, wide, wide, wide, wide, wide, straight, strong Loroup, wide, muscular Loroup,	Legs, viewed in front, a perpendicular line from the point of the			
Čhest, deep, wide, low; girth large     2       Ribs, long, close, sprung     2       Back, straight, short, broad, muscular     2       Loins, wide, short, thick, straight     2       Underline, flank low     1       Lind quarters:     1       Hips, smooth, wide     2       Croup, wide, muscular     2       Tail, attached high, well carried     1       Thighs, muscular     2       Quarters, deep, heavily muscled     2       Gaskins (or lower thighs), wide, muscled     2       Cannons, short, wide; sinews large, set back     2       Hocks, clean cut, wide, straight     8       Cannons, short, wide; sinews large, set back     2       Fellocks, wide, straight, strong     1       Fusterns, sloping, strong, lengthy     2       Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and vertical to ground     6       of the vertical to ground     6       of the vertical to ground, perpendicular line from the point of the but ock should run parallel with the line of the cannon, clion;     6       walk, smooth, quick, long, balanced     6       Trot, rapid, straight, regular     4				
Lonis, wide, snort, thick, straight. Underline, flank low Indequarters: Indignation of the property of the pro	Chest, deep, wide, low; girth large	2		
Lonis, wide, snort, thick, straight. Underline, flank low Indequarters: Indignation of the property of the pro	Ribs, long, close, sprung	2		
Underline, flank low	Back, straight, short, broad, muscular	2		
iind quarters:  Hips, smooth, wide,	Loins, wide, snort, thick, straight	2		
Hips, smooth, wide.  Croup, wide, muscular  Tail, attached high, well carried.  Tail, attached high, well carried.  Thighs, muscular  Quarters, deep, heavily muscled.  Gaskins (or lower thighs), wide, muscled.  2  Gaskins (or lower thighs), wide, muscled.  2  Hocks, clean cut, wide, straight.  Cannons, short, wide; sinews large, set back.  2  Fetlocks, wide, straight, strong.  Fasterns, sloping, strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, clastic, heel wide, one-half length of toe and vertical to ground.  Clegs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, but of the buttock should fail upon the center of the hock, cannon, but of the buttock should fail upon the center of the hock, cannon, but of the buttock should run parallel with the line of the cannon ction:  Walk, smooth, quick, long, balanced.  6  Trot, rapid, straight, regular.		,		
Croup, wide, muscular Tail, attached high, well carried. 1 Thighs, muscular Quarters, deep, heavily muscled. 2 Gaskins (or lower thighs), wide, muscled. 2 Gaskins (or lower thighs), wide, muscled. 2 Gaskins (or lower thighs), wide, muscled. 2 Hocks, clean cut, wide, straight. 8 Cannons, short, wide; straight. 8 Cannons, short, wide; sinews large, set back 2 Fetlocks, wide, straight, strong. 1 Pasterns, sloping, strong, lengthy. 7 Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the hoot and divide the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. ction: Walk, smooth, quick, long, balanced. 6 Trot, rapid, straight, regular. 4	Hips, smooth, wide	2		
Thighs, muscular. Quarters, deep, heavily muscled. Gaskins (or lower thighs), wide, muscled. Quarters, deep, heavily muscled. Quarters, deep, heavily muscled. Quarters, deep, heavily muscled. Quarters, deep, heavily muscled. Quarters, deep,	Croup, wide, muscular	2		
Quarters, deep, heavily muscled Gaskins (or lower thighs), wide, nuscled.  2 Hocks, clean cut, wide, straight.  2 Hocks, clean cut, wide, straight.  8 Cannons, short, wide; sinews large, set back.  2 Fetlocks, wide, straight, strong. Fasterns, sloping, strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave: bars strong; frog large, clastic; heel wide, one-half length of toe and vertical to ground.  Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the side, in them fall upon the center of the look and divide the pastern, and foot; from the side, a perpendicular line from the of the buttock should run parallel with the line of the cannon.  ction:  Walk, smooth, quick, long, balanced.  6 Trot, rapid, straight, regular.	Tail, attached high, well carried	1		
Hocks, clean cut, wide, straight.  Cannons, short, wide; sinews large, set back  2 Fetlocks, wide, straight, strong Fasterns, sloping, strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and vertical to ground  Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, bit in joint should fail upon the center of the hock, cannon, bit in joint should fail upon the green dicular line from the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction:  Walk, smooth, quick, long, balanced.  6 Trot, rapid, straight, regular.	Thighs, muscular.	2		
Hocks, clean cut, wide, straight.  Cannons, short, wide; sinews large, set back  2 Fetlocks, wide, straight, strong Fasterns, sloping, strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and vertical to ground  Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, bit in joint should fail upon the center of the hock, cannon, bit in joint should fail upon the green dicular line from the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction:  Walk, smooth, quick, long, balanced.  6 Trot, rapid, straight, regular.	Gaskins (or lower thighs) wide muscled	2		
Cannons, short, wide; sinews large, set back 2 Fetlocks, wide, straight, strong 1 Pasterns, sloping, strong, lengthy 2 Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground 1 Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction: Walk, smooth, quick, long, balanced. 6 Trot, rapid, straight, regular 4	Hocks, clean cut, wide, straight	8		
Pasterns, sloping, strong, lengthy. Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction:  Walk, smooth, quick, long, balanced.  Trot, rapid, straight, regular.  2  6  Trot, rapid, straight, regular.  2  6  6  6  6  6  7  7  7  8  8  8  8  8  8  8  8  8  8	Cannons, short, wide; sinews large, set back			
Feet, size large, even; horn dense; dark color; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  Ction:  Walk, smooth, quick, long, balanced.  Trot, rapid, straight, regular.	Fetlocks, wide, straight, strong	1		
toe and vertical to ground Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle, and a perpendicular line from the point ction:  Walk, smooth, quick, long, balanced.  Trot, rapid, straight, regular.  6  Trot, rapid, straight, regular.	Pasterns, sloping, strong, lengthy.  Feet, size large, even; horn dense; dark color; sole concave; burs strong, free large, elastic, heal wide one half length of	2		
pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction:  Walk, smooth, quick, long, balanced.  Trot, rapid, straight, regular.  6  Trot, rapid, straight, regular.  4	toe and vertical to ground	6		
Walk, smooth, quick, long, balanced. 6 Trot, rapid, straight, regular 4	pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle, and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.	4		
	Walk smooth quick long balanced	0		
	Trot, rapid, straight, regular	4		
	Total	100		

# College of Agriculture of the University of Illinois.

Scale of points.	Perfect score.	Student's score.	Corrected.
Age, estimated, ——; actual, ——			
General appearance—22 points:		1	
1. Height, estimated, — hands; actual, — hands 2. Weight, over 1,600 pounds; estimated, — pounds; actual, — pounds; score according to age			
2. Weight, over 1,600 pounds; estimated, —— pounds; actual,			
Porm broad massive proportioned	4		
Form, broad, massive, proportioned.     Quality, bone smooth, hard; tendons lean; skin and hair fine.     Temperament, energetic; disposition good	8		
5. Temperament, energetic; disposition good	4		
Head and neck—8 points:			
6. Head, lean; size medium	2		
7. Muzzle, fine; nostril large; lips thin, even	1 2		
9. Forehead, broad, full.	1		
10. Ears, size medium; well carried.	î		
<ol><li>Neck, muscled; crest high; throatlatch fine; windpipe large.</li></ol>	ī		
Fore quarters—22 points:			
12. Shoulders, sloping, smooth, snug, extending into back	3		
13. Arm, short. 14. Forearm, heavily muscled, long, wide	1 2		
15. Knees, wide, clean cut, straight, deep, strongly supported	2		
16. Cannons, short, lean, wide; sinews large, set back	2		
17. Pasterns, moderately sloping, medium length, strong; fet-			
locks wide, straight. 18. Feet, size large, even; horn dense; sole concave; bars strong;	2		
18. Feet, size large, even; horn dense; sole concave; bars strong;			
frog large, elastic; heel wide, one-half length of toe and vertical to ground	6		
19. Legs, viewed in front, a perpendicular line from the point of	0		
the shoulder should fall upon the center of the knee, can-		,	
non, pastern, and foot: from the side, a perpendicular line			
dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of			
upon the center of the knee and pastern joints and back of			
hoof	4		
Body—9 points: 20. Chest, deep, wide, low; girth large	.,		
21. Ribs, long, close, sprung.	2		
22. Back, straight, short, broad, muscular	2		
23. Loins, wide, short, thick, straight	2		
24. Underline, flank low	1		
Hind quarters—29 points:			
25. Hips, smooth, wide	2		
26. Croup, long, wide muscular 27. Tail, attached high, well carried	1		
28. Quarters, deep, heavily muscled, thighs muscular	4		
29. Gaskins (or lower thighs), wide, well muscled.	2		
30. Hocks, clean cut, wide, straight	6		
31. Cannons, short, wide; sinews large, set back	2		
32. Pasterns, moderately sloping, strong, medium length; fet-			
locks wide, straight.	2		
<ol> <li>Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and</li> </ol>			
vertical to ground	1	l	
<ol> <li>Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the bock,</li> </ol>	1		
point of the buttock should fall upon the center of the hock.			
cannon, pastern, and foot; from the side, a perpendicular			
line from the hip joint should fall upon the center of the foot			
and divide the gaskin in the middle; and a perpendicular		1	
line from the point of the buttock should run parallel with the line of the cannon.	4		
Action—10 points:	*		
35. Walk, smooth, quick, long, balanced	6	l	l <b></b>
	4		
36. Trot, rapid, straight			
36. Trot, rapid, straight  Total	100		

### School of Agriculture of Purdue University.

Same as the Illinois eard (see p. 27) for draft horses, with the following exceptions: Under arm, read "short, thrown back;" under pastern, read "sloping, lengthy, strong; fetlocks wide, straight;" under gaskins, read "wide, muscled;" under hind pasterns, read "sloping, lengthy; fetlocks wide, straight;" under action, read "trot rapid, straight, regular."

### Iowa State College of Agriculture and the Mechanic Arts.

13. Shoulders, sloping, smooth, snug, extending into back  14. Arm, short, thrown forward  16. Forearm, heavily muscled, long, wide  17. Cannons, short, lean, wide; sinews large, set back  18. Fetlocks, wide, stean cut, straight, deep, strongly supported  17. Cannons, short, lean, wide; sinews large, set back  18. Fetlocks, wide, straight, strong  19. Pasterns, sloping, lengthy, strong  19. Pasterns, sloping, lengthy, strong  10. Feet, size large, even; straight, born dense; color dark; sole concave; bars strong;  17. Irog large, elastic; heel wide, high, one-half length of lone of lots; sounder should  18. Legs, tiewe the center or predictional line from the point.  18. Legs, tiewe the center of the length of lone of lots; from the side a perpendicular line dropping from the center of the elbow joint should fall upon  18. Legs, tiewe the sea and pastern joints and back of hoof.  18. Straight, short, broad  29. Lots, deep, wide, low; girth large  28. Ribs, long, close, sprung  24. Back, straight, short, broad  25. Loin, wide, short, thick, straight  26. Underline, flank, low.  18. Croup, long, wide, muscular  27. Hips, smooth, wide.  28. Croup, long, wide, muscular  29. Gaskins (or lower thighs), wide, muscled  30. Thighs, muscular,  31. Quarters, deep, heavily muscled  33. Hocks, clean cut, wide, straight  34. Cannons, short, wide; sinews large, set back  35. Fetlocks, wide, straight, strong  36. Pasterns, sloping, strong, lengthy  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong;  18. Irog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should  18. Legs, viewed from behind, a perpendicular line from the point of the buttock should run parallel with the line of the cannon  29. Walk, smooth, quick, long, balanced  40. Trot, rapid, straight, regular	Scale of points for gelding.	Perfect score.
2. Height — hands 3. Weight, over 1,500 pounds, — pounds; score according to age. 4. Form, broad, massive, low set, proportioned. 5. Quality, bone clean, yet indicating sufficient substance; tendons distinct; skin and hair fine. 6. Temperament, energetic; disposition good. 1. Head, lean; size medium. 7. Head, lean; size medium. 8. Muzzle, fine; nostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 1. Forehead, broad, full carried. 1. Neck, me medium; well carried. 1. Shoulders, sloping, smooth, snug, extending into back. 1. Forearm, heavily muscled, long, wide. 1. Knees, wide, clean cut, straight, deep, strongly supported. 1. Cannons, short, lean, wide; sinews large, set back. 1. Fetlocks, wide, straight, strong. 1. Pasterns, sloping, lengthy, strong. 1. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the long me	1. Age — .	
5. Quality, bone clean, yet indicating sufficient substance; tendons distinct; skin and hair fine.  6. Temperament, energetic; disposition good  6. Temperament, energetic; disposition good  7. Head, on size medium.  7. Head, on size medium.  8. Eyes, full, bright, clear, large; lips thin, even.  9. Eyes, full, bright, clear, large;  10. Forchead, broad, full  11. Ears, size medium; well carried.  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  13. Shoulders, sloping, smooth, snug, extending into back  14. Arm, short, thrown forward  15. Forcarm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, lean, wide; sinews large, set back  18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong.  19. Pasterns, sloping, lengthy, strong.  10. Feet, size large, even; straight, horn dense; color dark; sole concave; bars strong; regularge, class from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  10. Clean, long, close, sprung.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  11. Quarters, deep, heavily muscled.  27. Croup, long, wide muscular.  28. Gaskins (or lower thighs), wide, muscled.  39. Thighs, muscular,  30. Thighs, muscular,  31. Quarters, deep, heavily muscled.  33. Hocks, clean eut, wide, straight, strong.  39. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  39. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight, fror	reneral appearance:  9 Height — hands	
5. Quality, bone clean, yet indicating sufficient substance; tendons distinct; skin and hair fine.  6. Temperament, energetic; disposition good  6. Temperament, energetic; disposition good  7. Head, on size medium.  7. Head, on size medium.  8. Eyes, full, bright, clear, large; lips thin, even.  9. Eyes, full, bright, clear, large;  10. Forchead, broad, full  11. Ears, size medium; well carried.  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  13. Shoulders, sloping, smooth, snug, extending into back  14. Arm, short, thrown forward  15. Forcarm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, lean, wide; sinews large, set back  18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong.  19. Pasterns, sloping, lengthy, strong.  10. Feet, size large, even; straight, horn dense; color dark; sole concave; bars strong; regularge, class from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  10. Clean, long, close, sprung.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  11. Quarters, deep, heavily muscled.  27. Croup, long, wide muscular.  28. Gaskins (or lower thighs), wide, muscled.  39. Thighs, muscular,  30. Thighs, muscular,  31. Quarters, deep, heavily muscled.  33. Hocks, clean eut, wide, straight, strong.  39. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  39. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight, fror	3 Weight over 1 500 pounds — pounds; score according to age	1 4
5. Quality, bone clean, yet indicating sufficient substance; tendons distinct; skin and hair fine.  6. Temperament, energetic; disposition good  6. Temperament, energetic; disposition good  7. Head, on size medium.  7. Head, on size medium.  8. Eyes, full, bright, clear, large; lips thin, even.  9. Eyes, full, bright, clear, large;  10. Forchead, broad, full  11. Ears, size medium; well carried.  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  13. Shoulders, sloping, smooth, snug, extending into back  14. Arm, short, thrown forward  15. Forcarm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, lean, wide; sinews large, set back  18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong.  19. Pasterns, sloping, lengthy, strong.  10. Feet, size large, even; straight, horn dense; color dark; sole concave; bars strong; regularge, class from the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  10. Clean, long, close, sprung.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  11. Quarters, deep, heavily muscled.  27. Croup, long, wide muscular.  28. Gaskins (or lower thighs), wide, muscled.  39. Thighs, muscular,  30. Thighs, muscular,  31. Quarters, deep, heavily muscled.  33. Hocks, clean eut, wide, straight, strong.  39. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  39. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight, fror	4. Form, broad, massive, low set, proportioned.	
hair fine 6. Temperament, energetic; disposition good [end and neck: 7. Head, lean; size medium. 8. Muzzle, fine: nostrils large; lips thin, even 9. Eyes, full, bright, clear, large 10. Forehead, broad, full 11. Ears, size medium; well earried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large. 13. Shoulders, sloping, smooth, snug, extending into back. 14. Arm, short, thrown forward 15. Shoulders, sloping, smooth, snug, extending into back. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, lean, wide; sinews large, set back. 18. Fetlocks, wide, straight, strong. 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Blose, straight, short, broad. 25. Underline, fanter, thick, straight. 26. Underline, fanter, thick, straight. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular, 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean eut, wide, straight, strong, 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong, 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; hed wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the	5. Quality, bone clean, yet indicating sufficient substance; tendons distinct; skin and	
fend and neck: 7. Head, Jean; size medium. 8. Muzzle, fine: nostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forchead, broad, full 11. Ears, size medium; well earried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large. 13. Hallers, sloping, smooth, snug, extending into back. 14. The short, thrown forward. 15. Forcam, heavily muscled, long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, lean, wide; sinews large, set back. 18. Fetlocks, wide, straight, strong. 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon tody. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Linderline, short, thick, straight. 26. Underline, short, thick, straight. 27. Hips, smooth, wide. 28. Croup, long, wide. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight; brorn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars	hair fine	
7. Head, lean; size medium. 8. Muzzle, finer nostrils large: lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehad, broad, full 11. Ears, size medium; well carried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large. ore quarters: 13. Shoulders, sloping, smooth, snug, extending into back. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled, long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, lean, wide; sinews large, set back. 18. Fetlocks, wide, straight, strong. 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fail upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fail upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fail upon the center of the knee and pastern joints and back of hoof.  20. Chest, deep, wide, low; girth large. 22. Ribs, long, close, sprung. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Loin, wide, short, hick, straight. 26. Underline, flank, low.  11. quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 33. Hocks, clean cut, wide, straight, shorn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large,	6. Temperament, energetic; disposition good	
8. Muzzle, fine; nostrils large; lips thin, even 9. Eyes, full, bright, clear, large 10. Forehead, broad, full 11. Ears, size medium; well earried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large ore quarters: 13. Shoulders, sloping, smooth, snug, extending into back 14. Arm, short, thrown forward 16. Forearm, heavily muscled, long, wide 17. Knees, wide, clean cut, straight, deep, strongly supported 18. Forearm, heavily muscled, long, wide, strongly supported 19. Fetlocks, wide, straight, strong 19. Pasterns, sloping, lengthy, strong 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large 23. Ribs, long, close, sprung 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight. 26. Chould, high, well-carried. 27. Hips, smooth, wide. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hot cannon cutous lines from the point of the buttock should fall upon the center of the hot clean of the buttock should run parallel with the line		
9. Eyes, full, bright, clear, large 10. Forehead, broad, full 11. Ears, size medium; well carried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large ore quarters: 13. Shoulders, sloping, smooth, snug, extending into back. 14. Arm, short, thrown forward. 16. Forearm, heavily muscled, long, wide. 17. Cannons, short, lean, wide; sinews large, set back. 18. Fetlocks, wide, clean cut, straight, deep, strongly supported. 19. Pasterns, sloping, lengthy, strong. 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; 19. Pasterns, sloping, lengthy, strong. 21. Legs, viewed in front a perpendicular line from the point of the shoulder should 22. Legs, viewed in front a perpendicular line from the point of the shoulder should 23. Legs, viewed in front a perpendicular line from the point of the shoulder should 24. Legs, viewed in front a perpendicular line from the point of the shoulder should 25. Loin, slope, close, sprung 26. Back, straight, short, broad 27. Loin, wide, short, thick, straight 28. Libo, wide, short, thick, straight 29. Loin, wide, short, thick, straight 29. Loin, wide, short, thick, straight 29. Tail, attached high, well carried 30. Thighs, muscular 31. Quarters, deep, heavily muscled 32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight, strong 34. Pasterns, sloping, strong, lengthy, 35. Fetlocks, wide, straight, strong 36. Pasterns, sloping, strong, lengthy, 37. Feet, size large, even; straight, brond dense, color dark; sole concave; bars strong; 38. Pasterns, sloping, strong, lengthy, 39. Pasterns, sloping, strong, lengthy, 31. Legs, viewed from behind, a perpendicular line from the point of the buttock should rule buttock should rule perpendicular line from the point of the buttock should rule perpendicular line from the point of the buttock should rule perpendicular line from the point of the buttock should rule perpendicular line from the point of the buttock should rule perpendicular l	7. Head, lean; Size medium.	
10. Forehead, broad, full 11. Ears, size medium; well earried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large ore quarters: 13. Shoulders, sloping, smooth, snug, extending into back 14. Arm, short, thrown forward 16. Forearm, heavily muscled, long, wide. 17. Cannons, short, lean, wide; sinews large, set back 18. Cannons, short, lean, wide; sinews large, set back 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half lergth of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank, low.  17. Cannons, short, wide, muscled. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; free figure, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the eide, a perpendicular line from the hip joint should fall upon the center of the buttock should run parallel with the line of the cannon the buttock should run parallel with the line of the cannon the buttock should run parallel with the line of the cannon the buttock should run parallel with the line of the cannon	o. Muzzie, inie; nostris iarge; nps tiini, even	
11. Ears, size medium; well earried.  12. Neck, muscled; crest high; throutlatch fine; windpipe large.  ore quarters:  13. Shoulders, sloping, smooth, snug, extending into back.  14. Arm, short, thrown forward.  16. Forearm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, lean, wide; sinews large, set back.  18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong, neehalf length of toe.  20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; rog large, elastic; heel wide, high, one-half length of toe.  21. Legs, viewed in from a perpendicular line from the point of the shoulder should the center of the concentration of the shoulder should reprendicular line dropping from the center of the elboy clorify the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  16. Imiq quarters.  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight, strong, large, elsatins (or lower thighs), wide, insched.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, size large, even; straight, horn dense, color dark; sole concave; bars strong; reed, si	10 Perchaud brand full	
ore quarters:  3. Shoulders, sloping, smooth, snug, extending into back  14. Arm, short, thrown forward  16. Forearm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannous, short, lean, wide; sinews large, set back  18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong, lengthy strong,  20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong;  17. If you are clearly lengthy strong.  21. Legs, leave, the center perpendicular line from the point of our shoulder should regard the center of the knee and pastern joints and back of hoof.  21. Legs, leave, wide, low; girth large.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  16. Iffind quarters.  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  32. Gaskins (or lower thighs), wide, inuscled.  33. Hocks, clean cut, wide, straight, strong, lengthy.  44. Cannons, short, wide; sinews large, set back.  55. Fetlocks, wide, straight, strong, lengthy.  37. Feed, size large, even; straight, horn dense, color dark; sole concave; bars strong; red, size large, even; straight, horn dense, color dark; sole concave; bars strong; red, size large, even; straight, horn dense, color dark; sole concave; bars strong; red, garge, elsatic; heel wide, high, one-half length of toe.  38. Legs, viewer from behind, a perpendicular line from the point of the buttock should divide the gaskin in the middle; and a perpendicular line from the other buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run p	11. Ears, size medium: well carried	
ore quarters:  3. Shoulders, sloping, smooth, snug, extending into back  14. Arm, short, thrown forward  16. Forearm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannous, short, lean, wide; sinews large, set back  18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong, lengthy strong,  20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong;  17. If you are clearly lengthy strong.  21. Legs, leave, the center perpendicular line from the point of our shoulder should regard the center of the knee and pastern joints and back of hoof.  21. Legs, leave, wide, low; girth large.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  16. Iffind quarters.  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  32. Gaskins (or lower thighs), wide, inuscled.  33. Hocks, clean cut, wide, straight, strong, lengthy.  44. Cannons, short, wide; sinews large, set back.  55. Fetlocks, wide, straight, strong, lengthy.  37. Feed, size large, even; straight, horn dense, color dark; sole concave; bars strong; red, size large, even; straight, horn dense, color dark; sole concave; bars strong; red, size large, even; straight, horn dense, color dark; sole concave; bars strong; red, garge, elsatic; heel wide, high, one-half length of toe.  38. Legs, viewer from behind, a perpendicular line from the point of the buttock should divide the gaskin in the middle; and a perpendicular line from the other buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run p	12. Neck, muscled; crest high; throatlatch fine; windpipe large	
14. Arm, short, thrown forward 16. Forearm, heavily muscled, long, wide 16. Knees, wide, clean cut, straight, deep, strongly supported 17. Cannons, short, lean, wide; sinews large, set back 18. Fetlocks, wide, straight, strong 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank, low. 161 quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong, land, straight, lan	fore quarters:	
16. Forearm, heavily muscled, long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, lean, wide; sinews large, set back. 18. Fetlocks, wide, straight, strong. 19. Pasterns, sloping, lengthy, strong. 19. Pasterns, sloping, lengthy, strong. 19. Fasterns, sloping, lengthy, strong. 10. Feet, size large, even; straight; born dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of loc of the shoulder should a perpendicular line dropping from the set of the point of the shoulder should a perpendicular line dropping from the center of the point of the shoulder should have the center of the knee and pastern joints and back of hoof.  10. Straight, should have been straight straight should fall upon the center of the knee and pastern joints and back of hoof.  10. Straight, should have been straight straight straight, should, short, thick, straight.  21. Back, straight, short, broad. 22. Loin, wide, short, thick, straight.  23. Cloud, long, wide, muscular.  24. Croup, long, wide, muscular.  25. Croup, long, wide, muscular.  26. Croup, long, wide, muscular.  27. Hips, smooth, wide.  28. Gaskins (or lower thighs), wide, muscled.  30. This, anched high, well carried.  31. Quarters, deep, heavily muscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight, strong.  34. Cannons, short, wide; sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; free	13. Shoulders, sloping, smooth, snug, extending into back	
17. Cannons, short, lean, wide; sinews large, set back 18. Fetlocks, wide, straight, strong. 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; born dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe; from the side, a perpendicular line drop, the first man pastern, and foot; from the side, a perpendicular line drop the first man pastern, and foot; from the side, a perpendicular line drop and pastern in the enter of the blow joint should fall upon the center of the kneep and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank, low.  27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Tail, attached high, well carried. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freg large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should from the point of the buttock should run parallel with the line of the cannon the buttock should run parallel with the line of the cannon the lower the straight, regular.	14. Arm, short, thrown forward	
17. Cannons, short, lean, wide; sinews large, set back 18. Fetlocks, wide, straight, strong. 19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; born dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe; from the side, a perpendicular line drop, the first man pastern, and foot; from the side, a perpendicular line drop the first man pastern, and foot; from the side, a perpendicular line drop and pastern in the enter of the blow joint should fall upon the center of the kneep and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank, low.  27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Tail, attached high, well carried. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freg large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should from the point of the buttock should run parallel with the line of the cannon the buttock should run parallel with the line of the cannon the lower the straight, regular.	15. Forearm, heavily muscled, long, wide	
18. Fetlocks, wide, straight, strong.  19. Pasterns, sloping, lengthy, strong.  20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low. lind quarters:  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight, strong.  34. Cannons, short, wide; sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perdivide the gaskin in the ohek, cannon, pastern, and foot; from the side, a perdivide the gaskin in the hip joint should fall upon the center of the buttock should read upon the point of the buttock should read to the buttock should run parallel with the line of the cannon clivide the gaskin in the ohek, cannon, pastern, and foot; from the side, a perdivide the gaskin in the ohek, cannon, pastern, and foot; from the side, a perdivide the gaskin in the parallel with the line of the cannon clivide the gaskin in the parallel with the line of the cannon clivide the gaskin in the parallel with the line of the	16. Knees, wide, clean cut, straight, deep, strongly supported	
19. Pasterns, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank, low.  27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 30. Thighs, muscular. 31. Hocks, clean cut, wide straight. 32. Quarters, deep, hearly nucled. 33. Hocks, clean cut, wide straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hottock should fall upon the center of the buttock should fithe buttock should run parallel with the line of the cannon cellon.	17. Cannons, snort, lean, wide; sinews large, set back	
Irog large, elastic; heel wide, high, one-half lergth of toe.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  30. Thighs, muscular.  31. Hoeks, clean cut, wide, straight.  32. Hoeks, clean cut, wide, straight.  33. Hooks, clean cut, wide, straight.  34. Cannons, short, wide; sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hot cannon divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon call.	10. Pestores sloving lengthy strong	
Irog large, elastic; heel wide, high, one-half lergth of toe.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  30. Thighs, muscular.  31. Hoeks, clean cut, wide, straight.  32. Hoeks, clean cut, wide, straight.  33. Hooks, clean cut, wide, straight.  34. Cannons, short, wide; sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hot cannon divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon call.	20 Feet size large even straight horn dense color dark sale concave hars strong	
22. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon to center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, close, sprung. 24. Bubs, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Loin, wide, short, thick, straight. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freet, size large, even; straight; horn dense, color dark; sole concave; bars strong; and fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the pip foint should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the pin foint should fall upon the center of the buttock should reflect the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  29. Walk, smooth, quick, long, balanced.	frog large, elastic; heel wide, high, one-half lergth of toe	
fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, close, sprung.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank, low.  16. Underline, flank, low.  17. Hips, smooth, wide.  27. Hips, smooth, wide.  28. Croup, long, wide muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight, strong.  34. Cannons, short, wide; sinews large, set back.  35. Pate, size large, extrong sight.  36. Feet, size large, extrong sight.  37. Feet, size large, extrong sight.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the book, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.	21. Legs, viewed in front, a perpendicular line from the point of the shoulder should	
perpendicular line dropping from the center of the elbow joint should fall upon tody: cody: cody	fall upon the center of the knee, cannon, pastern, and foot; from the side, a	
22. Chest, deep, wide, low; girth large 23. Ribs, long, close, sprung 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight 26. Underline, flank, low.  Ind quarters: 27. Hips, emooth, wide. 28. Hips, emooth, wide. 29. Tail, attached high, well carried 30. Thighs, muscular 31. Quarters, deep, heavily muscled 32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight 34. Cannons, short, wide; sinews large, set back 35. Fetlocks, wide, straight, strong 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freet, size large, even; straight; horn dense, color dark; sole concave; bars strong, large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the pid of the buttock should fall upon the center of the bottock should fall upon the center of the buttock should run parallel with the line of the cannon clion.  39. Walk, smooth, quick, long, balanced 40. Trot, rapid, straight, regular	perpendicular line dropping from the center of the elbow joint should fall upon	
22. Chest, deep, wide, low: girth large 23. Ribs, long, close, sprung 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight 26. Underline, flank, low. (Ind quarters) 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried 30. Thighs, muscular 31. Quarters, deep, heavily muscled 32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight, 34. Cannons, short, wide; sinews large, set back 35. Fetlocks, wide, straight, strong, 36. Pasterns, sloping, strong, lengthy, 37. Feet, size large, even: straight, horn dense, color dark; sole concave; bars strong; 38. Lesterns, sloping, strong, lengthy, 39. Pasterns, sloping, strong, lengthy, 31. Gasterns, sloping, strong, lengthy, 32. Lengthy, and the model of the color dark; sole concave; bars strong; 38. Letterns, sloping, strong, lengthy, 39. Malterns, sloping, the propendicular line from the point of the buttock should fall upon the color dark; sole concave; bars strong divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon the point of the buttock should	the center of the knee and pastern joints and back of hoof	
23. Ribb, long, close, sprung 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight 26. Underline, flank, low.  Lind quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Croup, long, wide, muscular 20. Tail, attached high, well carried 20. Tail, attached high, well carried 21. Quarters, deep, heavily muscled 22. Gaskins (or lower thighs), wide, muscled 23. Hocks, clean cut, wide, straight 24. Cannons, short, wide; sinews large, set back 25. Fetlocks, wide, straight, strong 26. Pasterns, sloping, strong, lengthy 27. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight; horn dense, color dark; sole concave; bars strong; freed, size large, even; straight, size large, even; straight, size large, even; straight, even; size large, even		
24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank, low. (Ind quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feed, size large, even; straight, hom dense, color dark; sole concave; bars strong; 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should be pendicular line from the first of the buttock should buttock should represent the size of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should represent the size of the size of the buttock should represent the size of the siz	22. Unest, deep, wide, low: girth large.	
25. Loin, wide, short, thick, straight 26. Underline, flank, low.  (Ind quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, muscular. 30. Thighs, muscular. 31. Quarters, deeperavily myeled. 32. Quarters, deeperavily myeled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the oft and divide the gask in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon the other contents.	20. Kibs, long, close, sprung	
26. Underline, flank, low. (infl quarters) 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feed, size large, even; straight, bron dense, color dark; sole concave; bars strong; reed, size large, even; straight, bron dense, color dark; sole concave; bars strong; reed, size large, even; straight, bron dense, color dark; sole concave; bars strong; reed, size large, even; straight, bron dense, color dark; sole concave; bars strong; reed, size large, even; straight, bron dense, color dark; sole concave; bars strong; reed, size large, even; straight, inch enhalf length of toe. 38. Legs, viewed from behind, a perpendicular line from the side, a perpendicular line from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon the point of the buttock should run parallel with the line of the cannon enhanced.	25 Loin wide short thick straight	
(ind quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, muscular 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should rule the gaskin in the middle; and a perpendicular line from the point of the buttock should rule with the line of the cannon.  ction: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, straight, regular	26. Underline flank low	
28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the proposed color and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, straight, regular	Hind quarters:	
30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the piont should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, straight, regular.	27. Hips, smooth, wide	
30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the piont should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, straight, regular.	28. Croup, long, wide, muscular	
31. Quarters, deep, heavily muscled. 22. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even: straight; horn dense, color dark; sole concave; bars strong; freet, size large, even: straight; horn dense, color dark; sole concave; bars strong; strong, large, elastic: heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip folds should fall upon the center of the foot and the decide and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, straight, regular	29. Tail, attached high, well carried.	
22. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight.  34. Cannons, short, wide; sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the propendicular line from the	30. Thighs, muscular.	
33. Hocks, clean cut, wide, straight 34. Cannons, short, wide; sinews large, set back 35. Fetlocks, wide, straight, strong, 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should 39. Legs, viewed from behind, a perpendicular line from the eide, a perpendicular line from the hip joint should fall upon the center of the foot and alivide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon  **ction:* 39. Walk, smooth, quick, long, balanced 40. Trot, rapid, straight, regular	51. Quarters, deep, neavily muscled.	
34. Cannons, short, wide; sinews large, set back 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the piont should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, straight, regular	52. Gaskins (or lower tinghs), wide, flusteled.	
Fetlocks, wide, straight, strong.     Pasterns, sloping, strong, lengthy.     Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; freq, lastic; heel wide, high, one-half length of toe.      Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  **Ction:**  39. Walk, smooth, quick, long, balanced.**  40. Trot, rapid, straight, regular.**	34 Cannons short wide singus large set book	
36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the pip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  **Ction:**  39. Walk, smooth, quick, long, balanced.**  40. Trot, rapid, straight, regular.**	25. Fetlocks wide straight strong	
Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong; Irog large, elastic: heel wide, high, one-half length of toe.      Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.      Ction:      39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, straight, regular.	36. Pasterns, sloping, strong, lengthy	
frog large, elastic; heel wide, high, one-half length of toe.  S. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  ction:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, straight, regular	37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong;	
ction:  Water the gaskin in the middle; and a perpendicular line from the point of the beat of the cannon.  Story and the point of the cannon.  Water the point of the cannon.  Story and the point of the cannon.  Story and the point of the cannon.	frog large elastic heel wide high one-half length of toe	
ction:  Water the gaskin in the middle; and a perpendicular line from the point of the beat of the cannon.  Story and the point of the cannon.  Water the point of the cannon.  Story and the point of the cannon.  Story and the point of the cannon.	38. Legs, viewed from behind, a perpendicular line from the point of the buttock should	
ction:  Water the gaskin in the middle; and a perpendicular line from the point of the beat of the cannon.  Story and the point of the cannon.  Water the point of the cannon.  Story and the point of the cannon.  Story and the point of the cannon.	fall upon the center of the hock, cannon, pastern, and foot; from the side, a per-	
ction:  Water the gaskin in the middle; and a perpendicular line from the point of the beat of the cannon.  Story and the point of the cannon.  Water the point of the cannon.  Story and the point of the cannon.  Story and the point of the cannon.	pendicular line from the hip joint should fall upon the center of the foot and	
ction: 39. Walk, smooth, quick, long, balanced 40. Trot, rapid, straight, regular	divide the gaskin in the middle: and a perpendicular line from the point of the	
39. Walk, smooth, quick, long, balanced 40. Trot, rapid, straight, regular	action.	
40. Trot, rapid, straight, regular		
	40 Trot resid straight regular	
Total	And Angeles, resembles, 105 mail	
	Total	11

#### Kansas State Agricultural College.

Same as the Colorado card (see p. 26), with the omission of "age" and "height" and the omission of the term "muscular" under "back."

# Maryland Agricultural College.

Scale of points for —— (sex).	Perfect score.	Student's score.	Corrected
General characters:			
Age, student's estimate, ——; corrected, ————————————————————————————————————	2		
Height, estimated, — hands; actual, — hands	3		
Weight, 1,500 pounds or over; estimated at — pounds Form, broad, massive, proportioned	3		
Form, broad, massive, proportioned	4		
Quality, bones smooth, hard; tendons lean; skin fine	9		
Temperament, energetic; disposition good	8		
	25		
Head and neck:		1	
Head, lean, shapely; size medium	1		
Muzzle, fine; nostril large, lips thin, even	1		
Eyes, full, bright, clear Forehead, broad, full, flat	1		
Forehead, broad, full, flat	1	·	
Ears, size medium; carried well.			
Neck, muscled; crest high; windpipe large; throatlatch fine	2		
	7		
5 · 4 · · ·			
Body: Chest, deep, wide, low; girth large	3		1
Pibe long alose appung	1		
Ribs, long, close, sprung Back, straight, short, broad, muscular	2		
Loins, wide, short, thick, straight	ĩ		
Underline, flank low.	î		
Chacinac, awar 10 million and 10 mil			
	8		1
Extremities:			
Shoulder, sloping, smooth, snug, extending into back	3		I
Arm, short, thrown back	1		
Forearm, heavily muscled, long, wide	2		
Knees, wide, clean cut, straight, deep, strongly supported	$\frac{1}{2}$		
Hips, smooth, wide, level	3		
Croup, wide, muscular, level	2		
Thighs, muscular	2 3		
Quarters, deep, heavily muscled.	8		
Gaskins, wide, muscled Hocks, clear cut, wide, straight	2 8		
Cannon, short, wide; sinews large, set back	2		
Fetlocks, wide, straight, strong	2		
Pasterns, sloping, strong, medium	4		
Forefeet, size large, even; concave; heels wide; frog large	8		
Hind feet, large, even size; heels wide; frogs large.			
mind leet, large, even size, neers wide, mogs large			
	50		
	50		1
Action, step smooth, elastic, even, long, quick; trot straight, regular.	50 10		
Action, step smooth, elastic, even, long, quick; trot straight, regular	10		
Action, step smooth, elastic, even, long, quick; trot straight,	10		

# Massachusetts Agricultural College.

	Do-foot	Points	leficient.
Scale of points for gelding.	Perfect score.	Student's score.	Corrected.
Age —			
Feneral appearance: Height, estimated, — hands; actual, — hands			
ing to age	6		
Form, broad, massive, proportioned	4		
Quality, bone smooth, hard; tendons lean; skin and hair fine	6 5		
Temperament, energetic; disposition good	5		
	21		
Head and neck:			
Head lean: size medium	. 1		
Muzzle, fine; nostril large; lips thin, even	1		
Eyes, full, bright, clear	1	1	
Forehead, broad, full. Ears, size medium; well carried.	1		
Neck, muscled; crest high; throatlatch fine; windpipe large	1		
,,,,			
	6		
Fore quarters:			
Shoulder, sloping, smooth, snug, extending into back	3		
Arm, short, thrown back	1 2		
Forearm, heavily muscled, long, wide Knees, wide, clean cut, straight, deep, strongly supported.	2		
Cannons, short, lean, wide; sinews large, set back	2		
Fetlocks, wide, straight, strong	1		
Pasterns, sloping, lengthy, strong. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and verti- cal to ground.	8		
car to ground	- 0		
	22		
Body:			
Chest, deep, wide, low; girth large	2		
Ribs, long, close sprung	2		<b></b>
Back, straight, short, broad, muscular.	2 2		
Loins, wide, short, thick, straight	1		
· · · · · · · · · · · · · · · · · · ·			
	9		
Hind quarters:			
Hips, smooth, wide	2		
Croup, wide, muscular	3 2		
Thighs, muscular. Quarters, deep, heavily muscled	4		
Gaskins (or lower thighs), wide, muscled			
Hocks, clear cut, wide, straight Cannons, short, wide; sinews large, set back	8		
Cannons, short, wide; sinews large, set back	2		
Fetlocks, wide, straight, strong	1 9		
Feet, size large, even; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.	6		
Action, step smooth, quick, long; trot rapid, straight, regular	10		
, , , quanti romo, mar safraj anasani, sosami sas			
	42		
	100		
Total Estimated market value	100		

# Michigan State Agricultural College.

Scale of points.	Perfect.	Student's estimate.	Corrected.
General appearance:			
Age, as indicated by teeth  Height, estimated, —— hands; actual, —— hands			
Weight 1 500 nounds and above	1 1		
Form, low, square, massive Quality, bone clean, hard; skin lying close to bone and tendons;	4		
Quality, bone clean, hard; skin lying close to bone and tendons;	_		
hair fine. Temperament, docile, energetic, but not nervous	1		
Temperament, doctie, energetic, but not hervous			
	20		
lead and neck:			
Head, medium size, lean, intelligent	í		
Ever prominent bright clear	1		
Forehead, broad, full.	2		
Ears, rather short, but pointed, well carried	2		
Forehead, broad, full.  Ears, rather short, but pointed, well carried.  Neck, inclined to be short, deep at junction with body; crest high; mane good.			
nign; mane good	2		
	10		
Fore quarter:			ĺ
Shoulder, smooth, moderately upright, muscles covering blade well developed			
Arm, short, well muscled	3		
Knees, wide, deep, straight, strong			
Cannons, short, flat, lean; sinews large	2		
Pasterns, short, strong	3		
Feet, not flat, large; horn dense; frog well developed, elastic;			
heels wide, full, round			
	22		
Body:			
Čhest, deep, broad, full; girth large Back, straight, short, well muscled	3 2		
Loins, wide, short.	2		
Ribs, well sprung, making round barrel	2		
	9		
Hind quarters:			
Hips, smooth, wide apart	.,		
Croup, well muscled, wide	2		
Tail, well carried, attached high	1		
Thighs full muscular thick through the hams	9		
Quarters, deep, thoroughly muscled	4		
Gaskins, wide muscles outstanding Hocks, short, flat; sinews prominent.	2		
Pasterns short strong	3		
Pasterns, short, strong Feet, not flat, large; horn dense; frog well developed, elastic; heels wide, full, round		i	
heels wide, full, round	8		
Action, step smooth, straight, quick, moderately long	8		
	39		
	- 59		
Total	100		
		1	

## College of Agriculture of the University of Minnesota.

1. Age neral appearance: 2. Height. 3. Weight, over 1,500 pounds; estimated, — pounds; score according to age 4. Form, broad, massive, proportioned. 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons lean; skin and hair fine. 6. Temperament, energetic; disposition good. ad and neck: 7. Head, lean; size medium. 8. Muzzle, fine; nostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forchead, broad, full, and the state of the state o	Scale of points for gelding,	Perfect score.
2. Height, over 1,500 pounds; estimated, — pounds; score according to age 4. Form, broad, massive, proportioned. 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons lean; skin and hair fine 6. Temperament, energetic; disposition good. 2. and and neck: 7. Head, lean; size medium. 8. Muzzle, fine; mostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehead, broad, full well carried. 11. Neck, need turn well carried. 12. Neck, need turn well carried. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled, long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, broad. 25. Loin, wide, short, broad. 26. Loin, wide, short, broad. 27. Loin, wide, short, broad. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 33. Hocks, clean cut, wide, straight, strong. 44. Petlocks, wide, straight, strong. 45. Fetlocks, wide, wide, wide, straight, strong. 46. Straight, strong, lengtly. 47. Fetlocks, wide, straight, strong. 48. Fetlocks, wide, wide, muscular. 49. Tail, attached high, well carried. 40. Thighs, muscular interpolation, short, wide, straight, strong. 49. Pasterns, sloping, strong, lengtly. 40. Fetlocks, wide, wide, straight, thorn dense; color dark; sole concave; bars strong; fro	1. Age	
2. Height, over 1,500 pounds; estimated, — pounds; score according to age 4. Form, broad, massive, proportioned. 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons lean; skin and hair fine 6. Temperament, energetic; disposition good. 2. and and neck: 7. Head, lean; size medium. 8. Muzzle, fine; mostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehead, broad, full well carried. 11. Neck, need turn well carried. 12. Neck, need turn well carried. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled, long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short, broad. 25. Loin, wide, short, broad. 26. Loin, wide, short, broad. 27. Loin, wide, short, broad. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 33. Hocks, clean cut, wide, straight, strong. 44. Petlocks, wide, straight, strong. 45. Fetlocks, wide, wide, wide, straight, strong. 46. Straight, strong, lengtly. 47. Fetlocks, wide, straight, strong. 48. Fetlocks, wide, wide, muscular. 49. Tail, attached high, well carried. 40. Thighs, muscular interpolation, short, wide, straight, strong. 49. Pasterns, sloping, strong, lengtly. 40. Fetlocks, wide, wide, straight, thorn dense; color dark; sole concave; bars strong; fro	neral appearance:	
hart fine 6. Temperament, energetic; disposition good. ad and neck: 7. Head, lean; size medium. 8. Muzzle, fine; mostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehead, broad, full. 11. Forehead, broad, full. 12. Neck, see medium; ell carried. 12. Neck, see medium; ell carried. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins for lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Pasterns, sloping, strong, lengtly. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengtly. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elsatic, bed wide, high, one-half length of toe. 36. Less, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, calmon pastern, and foot; from the side, a pervise the wide, high, one-half length of toe. 36. Loss, viewed from behind, a perpendicular line from the point of the buttock sho	2. Height	2
hart fine 6. Temperament, energetic; disposition good. ad and neck: 7. Head, lean; size medium. 8. Muzzle, fine; mostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehead, broad, full. 11. Forehead, broad, full. 12. Neck, see medium; ell carried. 12. Neck, see medium; ell carried. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins for lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Pasterns, sloping, strong, lengtly. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengtly. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elsatic, bed wide, high, one-half length of toe. 36. Less, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, calmon pastern, and foot; from the side, a pervise the wide, high, one-half length of toe. 36. Loss, viewed from behind, a perpendicular line from the point of the buttock sho	3. Weight, over 1,500 pounds; estimated, — pounds; score according to age	4
hart fine 6. Temperament, energetic; disposition good. ad and neck: 7. Head, lean; size medium. 8. Muzzle, fine; mostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehead, broad, full. 11. Forehead, broad, full. 12. Neck, see medium; ell carried. 12. Neck, see medium; ell carried. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins for lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Pasterns, sloping, strong, lengtly. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengtly. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elsatic, bed wide, high, one-half length of toe. 36. Less, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, calmon pastern, and foot; from the side, a pervise the wide, high, one-half length of toe. 36. Loss, viewed from behind, a perpendicular line from the point of the buttock sho	4. Form, broad, massive, proportioned.	4
hart fine 6. Temperament, energetic; disposition good. ad and neck: 7. Head, lean; size medium. 8. Muzzle, fine; mostrils large; lips thin, even. 9. Eyes, full, bright, clear, large. 10. Forehead, broad, full. 11. Forehead, broad, full. 12. Neck, see medium; ell carried. 12. Neck, see medium; ell carried. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily muscled long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins for lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Pasterns, sloping, strong, lengtly. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengtly. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elsatic, bed wide, high, one-half length of toe. 36. Less, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, calmon pastern, and foot; from the side, a pervise the wide, high, one-half length of toe. 36. Loss, viewed from behind, a perpendicular line from the point of the buttock sho	5 Quality, hone clean, fine, yet indicating sufficient substance; tendons lean; skin and	
and and neck:  7. Head, lean; size medium.  8. Muzzle, fine; nostrils large; lips thin, even.  9. Eyes, full, bright, clear, large.  10. Forehead, broad, full.  11. Ears, size medium; well carried.  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  requarters:  13. Shoulders, moderately sloping, smooth, snug.  14. Shoulders, moderately sloping, smooth, snug.  15. Forenm, heavily muscled long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, wide; tendons large, set back.  18. Fetlocks, wide, clean cut, straight, strong.  19. Pastern, sloping, lengthy, strong.  19. Pastern, sloping, lengthy, strong.  20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic, heels wide, high, even.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the delbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy:  22. Chest, deep, wide, low; girth large.  23. Ribs, long, sprung, close.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Croup, long, wide, muscular.  27. Tail, attached high, well carried.  28. Triup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  33. Hocks, clean cut, wide, straight, strong.  34. Cannons, short, wide, straight, strong.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, held, high, one-half length of toe.  36. Legs, viewed from behinder, and a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a pervice of the content of the hock, cannon, pastern, and foot; from the side, a pervice of the sh	hair fine	4
and and neck:  7. Head, lean; size medium.  8. Muzzle, fine; nostrils large; lips thin, even.  9. Eyes, full, bright, clear, large.  10. Forehead, broad, full.  11. Ears, size medium; well carried.  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  requarters:  13. Shoulders, moderately sloping, smooth, snug.  14. Shoulders, moderately sloping, smooth, snug.  15. Forenm, heavily muscled long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, wide; tendons large, set back.  18. Fetlocks, wide, clean cut, straight, strong.  19. Pastern, sloping, lengthy, strong.  19. Pastern, sloping, lengthy, strong.  20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic, heels wide, high, even.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the delbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy:  22. Chest, deep, wide, low; girth large.  23. Ribs, long, sprung, close.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Croup, long, wide, muscular.  27. Tail, attached high, well carried.  28. Triup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  33. Hocks, clean cut, wide, straight, strong.  34. Cannons, short, wide, straight, strong.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, held, high, one-half length of toe.  36. Legs, viewed from behinder, and a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a pervice of the content of the hock, cannon, pastern, and foot; from the side, a pervice of the sh	6 Temperament energetic disposition good	
7. Head, lean: size medium 7. Muzzle, fine; nostrils large; lips thin, even 7. Seyes, full, bright, clear, large 7. Forehead, broad, full 7. Forehead, broad, full 7. Neck, nuscled; crest high; throatlatch fine; windpipe large 7. Neck, nuscled; crest high; throatlatch fine; windpipe large 7. Sanubders, moderately sloping, smooth, snug 7. Sanubders, moderately sloping, strong supported 7. Cannons, short, wide; tendons large, set back 7. Sanubders, sloping, lengthy, strong 7. Lefastic, heels wide, high, even 8. Ribs, long, sprung, close 9. Lefastic, heels wide, low; girth large 9. Sanubders, sloping, strong, lengthy 9. Sanubders, smooth, wide 9. Sanubders, lengthy, short, broad 9. Loin, wide, short, thick, straight, 9. Tall, attached high, well carried 9. Tall, smooth, wide 9. Croup, long, wide, muscular 9. Tall, attached high, well carried 9. Tall, smooth, wide 9. Sanubders, sloping, strong, lengthy 9. Fetoks, wide, straight, strong 9. Fetoks, wide, straight, strong 9. Pasterns, sloping, strong, lengthy 9. Fetoks, wide, straight, strong 9. Pasterns, sloping, strong, lengthy 9. Fetoks, wide, straight, strong 9. Fetoks, wide, straight, strong 10. Fetoks, wide, straight, strong 11. Lengthy strong lengthy 12. Lengthy strong lengthy 13. Lengthy strong lengthy 14. Cannons, short, wide, straight,	ord and node	
8. Muzzle, fine; nostrils large; lips thin, even		
9. Eyes, full, bright, clear, large 10. Forehead, broad, full 11. Ears, size medium; well carried 12. Neck, nuscled; crest high; throatlatch fine; windpipe large 13. Shoulders, moderately sloping, smooth, snug 14. Arm, short, thrown forward 15. Forearm, heavily muscled, long, wide 16. Knees, wide, clean cut, straight, deep, strongly supported 17. Cannons, short, wide; tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, cleast; heels wide, high, even 21. Legs, viewed in front, a perpendicular line from the point of the should refer should large, strong the strength of the should large, strong the strong that the strength of the should large, center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large 23. Ribs, long, sprung, close 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight. 26. Underline, flank low not quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 33. Hooks, clean cut, wide, straight, strong. 34. Cannons, short, wide, straight, strong. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight, horn dense; color dark; sole concave; bars strong; frog large, clastic, bell wide, high, one-half length of toe concave; bars strong; frog large, clastic, bell wide, high, one-half length of toe concave; bars strong; frog large, even; straight, brom dense; color dark; sole concave; bars strong; frog large, clastic, bell wide, high, one-half length of toe concave; bars strong; frog large, clastic, bell wide, high, one-half length of toe concave; bars strong; frog large, clastic, bell wide, high, one-half length of toe concave; bars strong; frog large, clastic, bell wide, high, one-half length of toe concave; bars strong; frog large, clastic, bell wide, h	2. Mussile fine, size incutations of the state of the sta	
10. Forehead, broad, full.  11. Ears, size medium; well carried.  12. Neck, muscled; crest high; throatlatch fine; windpipe large.  13. Shoulders, moderately sloping, smooth, snug.  14. Arm, short, thrown forward.  15. Forearm, heavily muscled, long, wide.  16. Knees, wide, clean cut, straight, deep, strongly supported.  17. Cannons, short, straight, straight, deep, strongly supported.  18. Cannons, short, straight, straight, deep, strongly supported.  19. Pastern, sloping, lengthy, strong.  20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even.  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  40. Conditions, short, straight.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, sprung, close.  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank low.  27. Croup, long, wide, muscular.  28. Tail, attached high, well carried.  29. Tail, attached high, well carried.  20. Thighs, mosth, wide.  21. Gaskins or lower thighs), wide, muscled.  23. Gaskins or lower thighs), wide, sinews large, set back.  25. Feltocks, wide, straight, strong.  26. Pasterns, sloping, strong, lengthy.  27. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elsstic; heel wide, high, one-half length of toe.  28. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the foot and division of the point of the buttock should fall upon the center of the foot and divisions and the point of the buttock should rependicular line from the side, a perpendicular line from the side, a p	O. Muzzie, inite, nostins large, ups tinii, even	
11. Ears, size medium; well carried. 12. Neek, nuscled; crest high; throatlatch fine; windpipe large. 13. Shoulders, moderately sloping, smooth, snug. 14. Arm, short, thrown forward. 15. Forearm, heavily nuscled, long, wide. 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back. 18. Fetlocks, wide, straight, strong. 19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, cleastic; heels wide, high, even. 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the blow joint should fall upon the center of the knee and pastern joints and back of horf. 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low not quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, clastic, beel wide, high, one-half length of toe concave; bars strong; frog large, clastic, beel wide, high, one-half length of the concave; bars strong; frog large, clastic, beel wide, high, one-half length of the concave; bars strong; frog large, clastic, beel wide, high, one-half length of the concave; bars strong; frog large, clastic, beel wide, high, one-half length of the concave; bars strong; frog large, clastic, beel wide, high, one-half length of the concave; bars strong; frog large, clastic, beel wide, high, one-half length of	9. Eyes, tun, bright, clear, raige	
12. Neek, muscled; crest high; throatlatch fine; windpipe large. re quarters: 13. Shoulders, moderately sloping, smooth, snug 14. Arm, short, thrown forward 15. Forearm, heavily muscled, long, wide 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide; tendons large, set back 18. Fetlocks, wide, straight, strong 19. Fetlocks, wide, straight, strong 10. Legs, viewed in front, a perpendicular line from the point of the shoulder should 19. fail upon the center of the knee, cannon, pastern, and foot; from the side a per- pendicular line dropping from the center of the elbow joint should fall upon the 19. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 10. center of the knee and pastern joints and back of hoof. 11. center of the knee and pastern joints and back of hoof. 12. Chest, deep, wide, low; girth large. 13. center of the knee and pastern joints and back of hoof. 14. Sats traight, straight. 15. Loin, wide, short, broad, broa	10. Forenead, broad, 1011	
re quarters:  13. Shoulders, moderately sloping, smooth, snug  14. Arm, short, thrown forward  15. Forearm, heavily nuscled, long, wide  16. Knees, wide, clean cut, straight, deep, strongly supported  17. Cannons, short, wide; tendons large, set back  18. Fetlocks, wide, clean cut, straight, strong  19. Pastern, sloping, lengthy, strong  20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even  21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large.  23. Ribs, long, sprung, close  24. Back, straight, short, broad  25. Loin, wide, short, thick, straight.  26. Underline, flank low  16. quarters:  27. Hips, smooth, wide  28. Croup, long, wide, muscular  29. Tail, attached high, well carried  30. Thighs, muscular  31. Quarters, deep, heavily nuscled  33. Hocks, clean cut, wide, straight,  34. Cannons, short, wide, sinews large, set back  35. Fetlocks, wide, straight, strong  36. Pasterns, sloping, strong, lengthy  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; heel wide, high, one-half length of toe encave; bars strong; frog large, clastic; hee	11. Ears, size medium; well carried.	
13. Shoulders, moderately sloping, smooth, snug 14. Arm, short, thrown forward 15. Forearm, heavily muscled, long, wide 16. Knees, wide, clean cut, straight, deep, strongly supported. 17. Cannons, short, wide: tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 19. Pastern, sloping, lengthy, strong 19. Pastern, sloping, lengthy, strong 10. Feet, size large, even; straight, hom dense; sole concave; bars strong; frog large, elastic; heels wide, high, even 16. Lipon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  17. Control of the knee and pastern joints and back of hoof.  18. Straight, short, broad 19. Loin, wide, short, thick, straight. 19. Underline, flank low 19. Loin, wide, short, thick, straight. 20. Underline, flank low 21. Group, long, wide, muscular. 22. Croup, long, wide, muscular. 23. O. Thighs, smooth, wide 24. Gaskins for lower thighs), wide, muscled 25. Loaks, clean cut, wide, straight. 26. Gaskins for lower thighs. 27. Croup, short, shor		
14. Arm, short, thrown forward 15. Forearm, heavily nuscled, long, wide 16. Knees, wide, clean cut, straight, deep, strongly supported 17. Cannons, short, wide; tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight. 26. Underline, flank low not quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried 30. Thighs, muscular 31. Quarters, deep, heavily nuscled 32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight, strong 34. Cannons, short, wide, straight, strong 35. Fetlocks, wide, straight, strong 36. Pasterns, sloping, strong, lengthy 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, clastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should vide the gaskin in the middle; and a perpendicular line from the point of the buttock should tock should run parallel with the line of the cannon the	re quarters:	
17. Cannons, short, wide: tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even, straight, hom dense; sole concave; bars strong; frog large, 21. Legs, tiewed in front in perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Croup, long, wide, muscular. 20. Thighs, muscular girth, well carried. 30. Thighs, muscular girth, well carried. 31. Quarters, deep, heavily muscled. 32. Gaskins or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, beel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took.	13. Shoulders, moderately sloping, smooth, snug	
17. Cannons, short, wide: tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even, straight, hom dense; sole concave; bars strong; frog large, 21. Legs, tiewed in front in perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Croup, long, wide, muscular. 20. Thighs, muscular girth, well carried. 30. Thighs, muscular girth, well carried. 31. Quarters, deep, heavily muscled. 32. Gaskins or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, beel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took.	14. Arm, short, thrown forward	
17. Cannons, short, wide: tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even, straight, hom dense; sole concave; bars strong; frog large, 21. Legs, tiewed in front in perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Croup, long, wide, muscular. 20. Thighs, muscular girth, well carried. 30. Thighs, muscular girth, well carried. 31. Quarters, deep, heavily muscled. 32. Gaskins or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, beel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took.	15. Forearm, heavily muscled, long, wide	
17. Cannons, short, wide: tendons large, set back 18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even, straight, hom dense; sole concave; bars strong; frog large, 21. Legs, tiewed in front in perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low. 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Croup, long, wide, muscular. 20. Thighs, muscular girth, well carried. 30. Thighs, muscular girth, well carried. 31. Quarters, deep, heavily muscled. 32. Gaskins or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, beel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took.	16. Knees, wide, clean cut, straight, deep, strongly supported	
18. Fetlocks, wide, straight, strong 19. Pastern, sloping, lengthy, strong 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low, girth large. 23. Ribs, long, sprung, close. 24. Back, straight, short broad. 25. L'Inderline, flank low k, straight. 26. Underline, flank low k, straight. 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a pervide the gaskin in the middle; and a perpendicular line from the point of the buttock should the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	17. Cannons, short, wide: tendons large, set back	
19. Pastern, sloping, lengthy, strong. 20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large, elastic; heels wide, high, even 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy: 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Group, long, wide, straight, short, broad. 33. Hooks, clean cut, wide, since large, set back. 34. Fedlocks, wide, straight, strong lengthy. 35. Fedlocks, wide, straight, strong, lengthy. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even, straight; born dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should tock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	18 Fetlocks wide straight strong	
elastic; heels wide, high, even Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a per- pendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy:  20. Chest, deep, wide, low; girth large. 21. Ribs, long, sprung, close 22. Alback, straight, short, broad 23. Loin, wide, short, thick, straight. 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Thighs, muscular and the should be should get a straight. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line	19 Pastern sloping lengthy strong	
elastic; heels wide, high, even Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a per- pendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy:  20. Chest, deep, wide, low; girth large. 21. Ribs, long, sprung, close 22. Alback, straight, short, broad 23. Loin, wide, short, thick, straight. 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight. 26. Underline, flank low and quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Thighs, muscular and the should be should get a straight. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, strong. 34. Cannons, short, wide, sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line of the cannon took should run parallel with the line	20 Root size large even straight, horn dense, sole concave, hers strong, frog large	
21. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy: 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low. 27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 44. Cannons, short, wide, sinews large, set back. 45. Fetlocks, wide, straight, strong. 46. Pasterns, sloping, strong, lengthy. 47. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 48. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion:  40. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	alastic hole wide here aven	
fall upon the center of the knee, cannon, pastern, and foot; from the dea perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy:  22. Chest, deep, wide, low; girth large.  23. Ribs, long, sprung, close  24. Back, straight, short, broad  25. Loin, wide, short, thick, straight.  26. Underline, flank low and quarters:  27. Hips, smooth, wide  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily inuscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hooks, clean cut, wide, straight.  34. Cannons, short, wide, straight.  35. Cannons, short, wide, straight.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even, straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  36. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	21 Low viewed in front a newsondiaylar line from the point of the shoulder should	
pendfeular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  dy:  22. Chest, deep, wide, low; girth large.  23. Ribs, long, sprung, close  24. Back, straight, short, broad.  25. Loin, wide, short, thick, straight.  26. Underline, flank low.  27. However, and the straight.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily muscled.  32. Gaskins or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight.  43. Cannons, short, wide, sinews large, set back.  55. Fetlocks, wide, straight, strong.  56. Pasterns, sloping, strong, lengthy.  77. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should rise gaskin in the mild between the sole and the cock should run parallel with the line of the cannon.  **tion:*	21. Legs, viewed in nont, a perpendicular mic from the point of the shoulder should	
center of the knee and pastern joints and back of hoof.  22. Chest, deep, wide, low; girth large  23. Ribs, long, sprung, close  24. Back, straight, short, broad  25. Loin, wide, short, thick, straight  26. Underline, flank low nd quarters.  27. Hips, smooth, wide  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily inuscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hooks, clean cut, wide, straight  34. Hooks, clean cut, wide, straight  35. Feltocks, wide, straight, strong reset back.  36. Feltocks, wide, straight, strong reset back.  37. Feet, size large, even, straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	and double live deeper of the knee, cannon, pastern, and root, from the side a per-	
dy: 22. Chest, deep, wide, low; girth large. 23. Ribs, long, sprung, close 24. Back, straight, short, broad. 25. Loin, wide, short, thick, straight. 26. Underline, flank low. 27. Loin, wide, short, thick, straight. 28. Underline, flank low. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, straight. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; beel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should risk of the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  **tont**	pendicular line dropping from the center of the clow joint should lail upon the	
22. Chest, deep, wide, low; girth large. 23. Ribs, long sprung, close 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight. 26. Underline, flank low nd quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular 29. Tail, attached high, well carried. 30. Thighs, muscular 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight, straight. 34. Cannons, short, wide, straight, strong. 35. Fetlocks, wide, straight, strong. 36. Fasterns, sloping, strong, lengthy or straight. 37. Feet, size large, even, straight, brond dense; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, brond chese; color dark; sole concave; bars strong; freet, size large, even, straight, sole concave; bars strong; freet, size large, even, straight, sole concave; bars strong; freet, size large, even, straight, sole concave; bars strong; freet, size large, chest, straight, sole concave; bars strong; freet, size large, chest, straight, sole concave; bars strong; freet, size large, chest, straight, sole concave; bars strong; freet, size large, chest, straight, sole concave; bars strong; freet, size large, chest, straight, sole concave; bars strong; freet, size large, chest,	center of the knee and pastern joints and back of hoof	
23. Ribs, long, sprung, close 24. Back, straight, short, broad 25. Loin, wide, short, thick, straight 26. Underline, flank low nd quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Croup, long, wide, muscular. 20. Tail, attached high, well carried. 31. Thighs, mucched. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, straight. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic, beel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  **tont.**		
24. Back, straight, short, broad 25. Loin, wide, short, thick, straight 26. Underline, flank low nd quarters: 27. Hips, smooth, wide 28. Croup, long, wide, muscular 29. Tail, attached high, well earried 30. Thighs, muscular 31. Quarters, deep, heavily inuscled 32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight, 34. Camons, short, wide, straight, 35. Fetlocks, wide, straight, strong 36. Fasterns, sloping, strong, lengthy 37. Feet, size large, even, straight, brond dense; color dark; sole concave; bars strong; 37. Feet, size large, even, straight, brond dense; color dark; sole concave; bars strong; 38. Legs, view, cluster straight, brond cluster line from the point of the buttock should fall upon the center of the block, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip buttock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular	22. Chest, deep, wide, low; girth large	
25. Loin, wide, short, thick, straight.  26. Underline, flank low nd quarters:  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Thighs, muscular and thing and the straight.  32. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight.  34. Cannons, short, wide, straight,  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should rail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  **tont.**	23. Ribs, long, sprung, close	
26. Underline, flank low nd quarters: 27. Hips, smooth, wide. 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, straight. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight, forn dense; color dark; sole concave; bars strong; frog large, clustic; heel wide, high one hill ength of toe. 38. Large, clustic; heel wide, high one hill ength of toe in the buttock should fall upon the center of the bock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip control of the buttock should run parallel with the line of the cannon.  tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	24. Back, straight, short, broad	
nd quarters:  27. Hips, smooth, wide.  28. Croup, long, wide, muscular.  29. Tail, attached high, well carried.  30. Thighs, muscular.  31. Quarters, deep, heavily inuscled.  32. Gaskins (or lower thighs), wide, muscled.  33. Hocks, clean cut, wide, straight.  34. Cannons, short, wide; sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should iall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip to tock should run parallel with the line of the cannon tion:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	25. Loin, wide, short, thick, straight	
27. Hips, smooth, wide 28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, straight. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, clastic, bele wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should large the control of the contr		
28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip to tock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	nd quarters:	
28. Croup, long, wide, muscular. 29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip to tock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	27. Hips, smooth, wide	
29. Tail, attached high, well carried. 30. Thighs, muscular. 31. Quarters, deep, heavily muscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, straight. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, clastice; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should large, the strength of the control of th	28. Croup, long, wide, muscular.	
30. Thighs, muscular. 31. Quarters, deep, heavily inuscled. 32. Gaskins (or lower thighs), wide, muscled. 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the hip tout tock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	29. Tail attached high, well carried.	
31. Quarters, deep, heavily inuscled 32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide, straight. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the foot and dipendicular line from the point of the buttock should run parallel with the line of the cannon.  tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	30 Thighs muscular	
32. Gaskins (or lower thighs), wide, muscled 33. Hocks, clean cut, wide, straight. 34. Cannons, short, wide; sinews large, set back. 35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	21 Quarters deep heavily muscled	
33. Hocks, clean cut, wide, straight.  43. Cannons, short, wide, sinews large, set back.  35. Fetlocks, wide, straight, strong.  36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and ditted and the strength of the side, and perpendicular line from the point of the buttock should run parallel with the line of the cannon.  **tion:*  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	29 Gaskins (or lower thighs) wide museled	
34. Cannons, short, wide; sinews large, set back.  5. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  8. Legs, viewed from behind, a perpendicular line from the point of the buttock should fail upon the center of the bock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	99 Hooks aloop out wide straight	
35. Fetlocks, wide, straight, strong. 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe. 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	33. HOCKS, Clean Cut, wide, Straight.	
36. Pasterns, sloping, strong, lengthy.  37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the bock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	54. Californi, Short, white sharpe, set back	
Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong; frog large, elastic; heel wide, high, one-half length of toe.      Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.      Sole, was mooth, quick, long, balanced.      Walk, smooth, quick, long, balanced.      Orto, rapid, free, straight, regular.	55. Fetlocks, wide, straight, strong	
frog large, elastic; heel wide, high, one-half length of toe.  8. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the bock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion:  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular.	36. Pasterns, stoping, strong, lengthy	
28. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon  39. Walk, smooth, quick, long, balanced.  40. Trot, rapid, free, straight, regular	37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong;	1
pendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  39. Walk, smooth, quick, long, balanced	frog large, elastic; heel wide, high, one-half length of toe	
pendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  39. Walk, smooth, quick, long, balanced	38. Legs, viewed from behind, a perpendicular line from the point of the buttock should	
pendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  39. Walk, smooth, quick, long, balanced	fall upon the center of the hock, cannon, pastern, and foot; from the side, a per-	
vide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	pendicular line from the hip joint should fall upon the center of the foot and di-	
tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	vide the gaskin in the middle; and a perpendicular line from the point of the but-	
tion: 39. Walk, smooth, quick, long, balanced. 40. Trot, rapid, free, straight, regular.	tock should run parallel with the line of the cannon	
39. Walk, smooth, quick, long, balanced	tion:	
40. Trot, rapid, free, straight, regular		
	40 Trot rapid free straight regular	
Total	zo. zrot, rapra, rrot, straight, regular	

## College of Agriculture and Mechanic Arts, University of Missouri.

Scale of points.	Perfect score.	Students' score.	Corrected.
ieneral appearance:  Height, estimated, — hands; actual, — hands.  Weight, over 1,500 pounds; estimated, — pounds; actual, — pounds; score according to age Form, low, massive, well proportioned.			
pounds; score according to age	6		
Form, low, massive, well proportioned	6	,	
Quality—bone clean, flat; tendons lean; skin and hair line	4		
Temperament, energetic; disposition good			
regular Head and neck:	10	'	
Head, lean; size medium			
Muzzle, fine; nostrils large; lips thin, even	1		
Eyes, full, bright, clear	2		
Forehead, broad, full	1 1		
Ears, size medium; well carried, wide apart Neck, well muscled, crest high; throatlatch fine; windpipe large.	1 0		
ore quarters:			
Shoulders, only slightly sloping, smooth, extending into back	2		
Arms, short, thrown back	1		
Forearms, long, wide, heavil / muscled Knees, wide, clean cut, straight, strongly supported	2		
Cannons, short, vertical, lean, wide, flat	2		
Fetlocks, wide, straight, strong	í		
Posterne sloping strong thick, angle with ground 45 degrees	9		
Feet, round; size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe Fore legs, viewed in front, a perpendicular line from the point	_		
strong; frog large, elastic; heel wide, one-half length of toe	6		
Fore legs, viewed in front, a perpendicular line from the point			
of the shoulder should tall upon the center of the knee, can-			
non, pastern, and foot; from the side a perpendicular line			
dropping from the center of the elbow joint should fall upon			
the center of the knee and pastern joints and back of hoof	- 4		
Body: Chest, deep, wide; girth large	3	İ	
Withers, smooth, not prominent, well muscled	1		
Ribs, long, wide apart, well sprung	2		
Back, short, straight, broad, well muscled	2		
Loins, wide, short, thick	1 2		
Flank, low	1		
Iind quarters:			
Hips, smooth, wide	2		
Croup, wide, muscular, somewhat oblique			
Tail, attached high, full, well carried	1		
Thighs, well muscled	2 2		
Buttocks, heavily muscled, wide. Quarters, deep, heavily muscled	2		
Hock, wide, straight, clean cut	4		
Cannons, short, wide.	2		
Fetlocks, wide, straight, strong	1 1		
Pasterns, sloping, strong	2		
Hind feet, compared with forefeet, more oval, more concave;	1 -		
heels higher: walls more vertical	4		
Hind legs, viewed from behind, a perpendicular line from the			
Hind legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock,		1	
cannon, pastern, and foot; from the side, a perpendicular line	1	1	Î
from the hip joint should fall upon the center of the foot and	1	1	
	1	t .	}
from the point of the butterly should my perpendicular line		1	1
from the point of the buttock should run parallel to the line	.4		
divide the lower thigh in the middle, and a perpendicular line from the point of the buttock should run parallel to the line of the cannon	4		

#### North Dakota Agricultural College.

		Points d	leficient.
Scale of points for gelding, a	Perfect score.	Student's score.	Corrected.
Age, —			
General appearance: Height, estimated, —; actual, — Weight, over 1,500 pounds; estimated, — pounds; score according to age			
Height, estimated, —; actual, —			
Weight, over 1,500 pounds; estimated, —— pounds; score accord-			
weight, over 1,500 pounds; estimated, — pounds; score according to age.  Form, broad, massive, proportioned Quality, bone smooth 'hard; tendons lean; hair and skin fine Temperament, energetic; disposition good.	4		
Form, broad, massive, proportioned	4		
Quality, bone smooth, hard; tendons lean; hair and skin bne	8 5		
Head and neck:	0		
Head, lean; size medium	1		
Muzzle, fine; nostrils large; lips thin, even	1		
Eyes, full, bright, clear.	1		
Forehead, broad, full	9		
Ears, size medium; well carried.			
Neck, muscled; crest high; throatlatch fine; windpipe large	1		
Fore quarters:	1		
Shoulder, sloping, smooth, snug, extending into back	3		1
Arm, short, thrown back	1		
Forearm, heavily muscled, long, wide	2		1
Knees, wide, clean-cut, straight, deep, strongly supported	2		
Cannons, short, lean, wide; sinews large, set back	2		
Fetlocks, wide, straight, strong	1		
Pasterns, sloping, lengthy, strong	3		1
Feet, size large, even; horn dense; sole concave; bars strong;			
frog large, elastic; heel wide, one-half length of toe and ver-			
tical to ground	8		
Body:			
Chest, deep, wide, low; girth large	2		
Ribs, long, sprung, close *	2		
Back, straight, short, broad, muscular	2		
Loins, wide, short, thick, straight	2		
Underline, flank low	1		
Hind quarters:			
Hips, smooth, wide	2		
Croup, wide, muscular Tail, attached high, well carried	3		1
Tail, attached high, well carried	1		
Thighs, muscular	2		
Quarters, heavily muscled, deep	4		
Gaskins (or lower thighs), wide, muscled	2		
Hocks, clear cut, wide, straight	8		
Cannons, short, wide; sinews large, set back	2		
Fetlocks, wide, straight, strong	1		
Pasterns, sloping, strong, lengthy	2		
Feet, size large, even; horn dense; color dark; sole concave;			
bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground			
Action, step smooth, quick, long; trot rapid, straight, regular	6		
Action, step smooth, quick, long; trot rapid, straight, regular	8		
Total	100		
Estimated market value			
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a After Craig.

#### Oklahoma Agricultural and Mechanical College.

Same as the Colorado card (see p. 26) for draft horses, with the omission of "age" and "height" and the omission of the term "muscular" under "back." There are also some slight changes in phraseology.

#### Pennsylvania State College.

Scale of points.	Perfect score.	Points off.
Eyes, prominent, clear, intelligent, expressive.	4	
Objections, small, sunken, vicious, wild. Head, clean cut; face straight, wide between the eyes; ears of fair size		
but not sluggish; nostrils large, open; lower jaw strong, clean; lips fine, firm Objections, narrow, thick, beefy, dish faces	5	
Neck, symmetrical in length and proportions, strong; full at crest; clean cut at throttle	4	
Objections, too short, thick; low at crest.  Shoulders, well rounded, muscular, moderately sloping; strong at base; well finished at withers.		
Objections, lacking in muscle, too upright. Chest, deep, full, prominent, with good width.		
Objections, narrow, sunken.  Forearm, well formed, well joined, strong, muscular		
Barrel, round, with well sprung ribs and full heart girth; back short, strong	6	
Objections, narrow, ribs too straight. Coupling, smooth, strong, full, close ribbed, extending evenly over the point of the hips.		
Objections, loose; sunken loin, high flank. Quarters, symmetrical, medium length and width, not too sloping, well	.,	
Objections, parrow, too short, too steep.		
Tail, full, well set, fine in quality. Objections, coarse, stiff.		
Stifles and gaskins, muscular, full, short, strong	-1	
meatiness		
Knees, neither sprung nor calf kneed, broad, straight, strong Objections, narrow, weak, crooked.	. 5	·
Cannons, short, flat, broad, smooth, fine quality, yet with abundant substance.	5	
Objections, round, spongy, deficient in size.  Pasterns, strong, medium length, sound, clean, sloping Objections, too short, stiff.	. 5	
Feet, medium height, good size, round, straight, squarely set, free from contracted heels; soles and walls tough; frog full clastic	10	
Color, characteristic of breed. Size, fifteen-three to sixteen-three hands and weight proportional	2 5	
Coat and skin: skin soft, pliable; hair fine, silky	3	
Action, strong, elastic, straight, even, vigorous.  Objections, low headed, awkward, sluggish.		1
Symmetry and style, well proportioned; position of horse when standing and carriage when in motion, easy, graceful, strong	6	
Total	. 100	

Note.—Under the head of "Objections" only a few of the most common are named. Other defects should be scored according to their importance.

#### South Dakota Agricultural College.

Same as the Iowa card (see p. 28) for draft horses, with the exception that under form the term "low set" is omitted.

# The State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
. General appearance:		
1. Weight, 1,500 pounds or over; age, ——; color, —— 2. Height, 14 hands and up; estimated, —— hands; actual, —— hands.		
2 Height 14 hands and up: estimated — hands: actual — hands	4	
3. Conformation, broad, massive, proportioned	Ā	
4. Quality, bone smooth; tendons well defined; skin and hair fine	6	
5. Action, step smooth, long, active: trot rapid, straight, regular	0	
6. Temperament, energetic; disposition good	0	
t. Temperament, energetic; disposition good	4	
7. Head, well defined; size medium.	1	
8. Muzzle, fine; nostrils large; lips thin, corresponding	1	
9. Eyes, full, bright, clear; eyelids oval		
10. Forehead, broad, full	1	
11. Ears, size medium; well carried	1	
12. Neck, muscled; crest high; throatlatch fine; windpipe large	1	
Fore quarters:		
13. Shoulder, long, smooth, oblique, extending into back.	9	1
14. Arm, short, muscled, thrown downward and backward; forearm well	~	
museled long wide	5	
15. Kneed, clean, wide, straight, deep, strongly supported; cannons short,		
wide; tendons large, set back	6	
wide; tendons large, set back		
16. Fetlocks, wide, straight, strong; pasterns, strong, sloping	4	
17. Feet, size medium, even; horn dense; sole concave; bars strong; frog		
prominent, elastic; heels wide	6	
Body:	1	
18. Withers, well muscled	. 2	
19. Chest, deep, wide, low; girth large 20. Ribs, long, sprung, close 21. Back, straight, short, broad, muscled	. 2	
20, Ribs, long, sprung, close	2	
21. Back, straight, short, broad, muscled	2	
22. Loins, wide, short, thick	2	
23. Underline, long; flank let down		1
. Hind quarters:		
24. Hips, smooth, wide, level; croup, long, wide, muscular		
25. Tail, attached high, well carried	1	
20. Tall, attached high, well carried	1	
26. Thighs, long, muscular	2	
27. Quarters, heavily muscled, deep	2	
28. Gaskin, wide, muscled	2	
29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back.	12	
<ol><li>Fetlocks, wide, straight; pasterns, strong, sloping, defined</li></ol>	. 5	
31. Feet, size medium, even; horn dense; frog prominent, elastic; bars strong.		1
sole concave; heels high, wide	6	
Total	100	

# Utah Agricultural College.

		Score.	
Scale of points.	Stand- ard.	Student's.	Corrected.
General appearance:			
Age, as indicated by teeth			
Age, as indicated by teeth.  Height, estimated, ————————————————————————————————————			
weight, estimated, —— pounds; actual, —— pounds; score according to age	4		
Form and summatry broad massive proportioned	4		
Form and symmetry, broad, massive, proportioned			
bone and tendons: hair fine	1 7		
Color characteristic of the breed	2		
Action, step smooth, quick, long; walk fast; trot rapid,			
straight, regular			
Temperament, energetic; disposition good	5		
Head and neck:		1	
Head, size medium; broad between the eyes, lean	. 1		
Muzzle, fine; nostrils large; lips thin, even Eyes, full, bright, clear, intelligent	1		
Forehead, broad, full.	9		
Ears, medium size, well carried	ī		
Neck, muscled; crest high; throat clean, fine; windpipe large	2		
Fore quarters:	_		
Shoulders, sloping moderately, smooth, snug, extending into			
back			
Arm, short, carried back	1		
Forearm, heavily muscled, long, wide	2 2		
Knees, wide, clean cut, straight, deep, strongly supported			
Cannons, short, lean, wide; sinews large, set back	1		
Pasterns, sloping; strong; length, medium			
Feet, size large, even; dark colored; horn dense; sole concave;	_		
bars strong; frog large, elastic; heel wide, full, vertical	7		
Body:			
Chest, deep, wide, low; girth large	3		
Ribs, long, close, well sprung, making round barrel	2		
Back, straight, short, broad, muscular.	2		
Loins, wide, short, thick, level	2		
Hind quarters:	1		
Hips, smooth, wide	9		
Croup wide muscular	3		
Tail, attached medium high, well carried Thighs, full, muscular, thick through hams	ĭ		
Thighs, full, muscular, thick through hams	2		
Quarters, deep, heavily muscled	4		
Gaskins (or lower thighs), wide, muscled, well down	2		
Hocks, large, bony, clean cut, broad, thick; lower inside bound-	_		1
ary not abrupt	7		
ary not abrupt.  Cannons, upright, wide, short; tendons large, strong, set back.  Fatlocks, wide straight strong.	2		
Fetlocks, wide, straight, strong	2		
Feet, size large, even; horn dense, dark colored; sole concave:	-		
bars strong: frog large elastic: heel wide one-half length of			[
bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to the ground	6		
Total	100		
Estimated market value			
	1	I	l .

# College of Agriculture of the University of Wisconsin.

		Points d	leficient.
Scale of points.	Possible score.	Student's score.	Corrected.
Age			
General appearance—29 points:			
General appearance—zs points: Height, estimated, — hands; actual, — hands	C-		
Form, broad, massive, proportioned Quality, bone clean, strong; tendons lean, well defined; sk	in 4		
and hair fine; feather, when present, silky	6		
Action, step smooth, quick, long: trot rapid, straight, regula	ir. 10		
	3		
Head and neck—8 points:			
Head, clean cut; size good			
Eves, full, bright, clear	1		
Forehead, broad, full	1		
Ears, size medium: well carried	1		
Lower jaw, angles wide; space clean	1		
Neck, muscled, arched; throatlatch fine; windpipe large Fore quarters—22 points:	2		
Shoulder, slightly sloping, smooth, snug, extending into bac	k 3		:
Arm, short, thrown back, well set	1		
Forearm, heavily muscled, long, wide	9		
Knees, clean, wide, straight, deep, strong	2 2		
Cannons, short, clean, wide; tendons large, set back Fetlocks, wide, straight, strong.			1
Pasterns wide straight strong	3		
Feet, size large, even; horn dense; sole concave; bars stron	g:		
frog large, elastic; heel wide, one-half length of toe at	nd		
vertical to ground	8		
Body—9 points: Chest, deep, wide, low; girth large	2	1	
Ribs, deep, well sprung, closely ribbed to hip			
Back, straight, short, broad, muscular	2		
Loins, thick, wide, short, straight			
Underline, flank low	1		
Hind quarters—32 points: Hips, wide, smooth	9		1
Croup, wide, muscular	3		
Thighs, deep, heavily muscled	4		
Stifles, strong, muscular	2		
Gaskins (or lower thighs), wide, muscular.	2		,
Hocks, clean cut, wide, straight, strong Cannons, short, wide; tendons large, set back			
Fetlocks, wide, straight, strong			
Pasterns, strong, sloping, lengthy	2		
Feet, size large, even; horn dense; color dark; sole concav bars strong; frog large, elastic; heel wide, one-half leng	e;		
bars strong; frog large, elastic; heel wide, one-half leng	th		
of toe and vertical to ground	6		
Total	100		
	100		

#### MULES.

## State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	score.	Student' score.
General appearance:		1
1. Weight, 900-1,200 pounds; age, —; color, —		
2. Height, 14 hands and up; estimated, — hands; actual, — hands	4	
3. Conformation, symmetrical, smooth. 4. Quality, bones clean; tendons defined; skin and hair fine	4	
4. Quality, bones clean: tendons defined; skin and hair fine	4	
5. Action, step smooth, long, active; trot rapid, straight, regular	20	
6. Temperament, energetic; good disposition	4	
Head and neck:		
7. Head, well defined; size medium	1	
8. Muzzle, fine; nostrils large; lips thin and corresponding	1	
9. Eyes, full, bright, clear	1	
10. Forehead flat broad full	1	
11. Ears, large, well carried, tapering 12. Neck, muscled, crested; throatlatch defined; windpipe large	1	
12. Neck, muscled, crested; throatlatch defined; windpipe large	\ 1	
Fore quarters:	1	
13. Shoulder, long, sloping, well muscled.  14. Arm, short, muscled, thrown well forward and backward; forearm well	2	
14. Arm, short, muscled, thrown well forward and backward; forearm well		
muscled, long, wide . 15. Knees, wide, clean, straight, deep, well supported; cannons short, wide;	3	
15. Knees, wide, clean, straight, deep, well supported; cannons short, wide;		
tendons well defined 16. Fetlocks, wide, straight, strong; pasterns short, clean, straight, angle	4	
16. Fetlocks, wide, straight, strong; pasterns short, clean, straight, angle		
with ground 45 degrees	4	
17. Feet, size medium, even; horn dense; sole concave; bars strong; frog		
with ground 6 degrees  17. Feet, size medium, ever; horn dense; sole concave; bars strong; frog prominent, elastic; heel wide, high	. 6	
18. Withers, smooth, well muscled, continuous with neck and back	2	
Body:		
19. Chest, deep, low; girth large	1	
20. Ribs, long, sprung, close 21. Back, straight, short, well muscled.	2	
21. Back, straight, short, well muscled.	2	1
22. Loins, wide, short, thick	2	
23. Underline, long; flank low	1	
Hind quarters:	]	
24 Hin smooth wide level croup wide muscular	1 4	
25. Tail, attached high, well carried. 26. Thighs, long, well muscled, open angled.	1	
26. Thighs, long, well muscled, open angled	2	
27. Quarters, heavily muscled, deep	2	
28. Gaskin, wide, muscled	2	
28. Gaskin, wide, muscled	1	;
wide: tendons set back	9	·
30. Fetlocks, wide, straight; pasterns, short, angle with ground 55 degrees	5	
31. Feet, medium size, even: horn dense; frog prominent, elastic; bars strong;		
sole concave: heel high wide	4	
0,		
Total	100	

#### BEEF CATTLE.

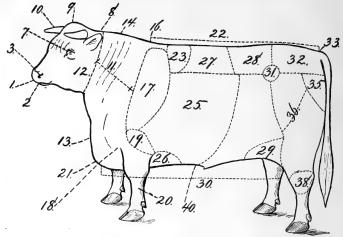


Fig. 2.—Points of beef cattle, side view.

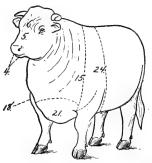
- 10. Horn.
- 11. Neck. 12. Throat.
- 1. Muzzle. 2. Mouth. 3. Nostril. 7. Eye. 8. Ear. 9. Poll.
- 13. Dewlap.
- 13. Dewlap.14. Top of neck, or crest.16. Top of shoulder.17. Shoulder.18. Point of shoulder.

- 19. Arm. 20. Shank. 21. Brisket. 22. Topline.
- 23. Crops. 25. Ribs, or barrel. 26. Fore flank. 27. Back, or chine.

  - 28. Loin.
  - 29. Hind flank.
  - 30. Underline, or bottom line.
- 31. Hip, point of hip, hook, or hook bone.
  32. Rump.
  33. Tailhead.
  35. Buttocks.
  42. Thick.



36. Thigh. 38. Hock. 40. Navel.



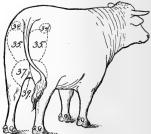


Fig. 3.—Points of beef cattle, front and rear views.

- 4. Lips.
- Face.
- Forehead.
- 15. Neck vein, or shoul- 21. Brisket.
- der vein.

  18. Point of shoulder,
- 24. Girth. 34. Pin bones.
- 35. Buttocks. 37. Twist. 39. Purse.

# Alabama Polytechnic Institute.

Scale of points.	Possible score.	Student's score.	Judge's score.
General appearance: Weight, score according to age. Form, straight, deep, broad, low set, stylish; top and underline			ĺ
parallelQuality, firm handling; hair fine; skin pliable; bone dense;	10		
evenly fleshed.  Condition, deep, even covering of firm flesh, especially in region of valuable cuts.	10		
Objections, undersize; unequal development; too fine bone; patchiness.	10		
Head and neck:  Muzzle, broad, moist; mouth large; jaw wide; nostrils large  Eyes, large, clear, placid	1		
Face, short, quiet, expressive			
Forehead, broad, full . Ears, size medium; texture fine	1		
Horns, oval; texture fine; size medium	î		
Neck, short, thick; chest clean	1		
Fore quarters: Shoulder vein, full, meeting shoulders well	2		
Shoulder, covered with flesh, medium broad above	2		
Dewlap, skin not too loose and drooping.			
Legs, straight, short; arm full; shank fine, smooth	2		
Objections, coarse or high shoulder points; narrow breast.			
Body:	l .		ĺ
Chest, full, deep, wide; girth large; crops full	1 4		
Ribs, long, arched, thickly fleshed  Back, broad, straight, smooth, even	10		
Loin, thick, broad	8		
Loin, thick, broad Flank, full, even with underline	2		
Objections, narrow, shallow chest; thin loin; flat ribs; narrow			
back.			
Hind quarters: Hips, smoothly covered; distance apart in proportion to other			
parts	1)		
Rump, long, wide, even; tailhead smooth, not patchy	2		
Pin bones, not prominent, far apart	1		
Thighs, full, deep, wide	2		
Twist, full deep, plump	2		
Purse, full, indicating fleshiness. Legs, straight, short; shank fine, smooth	2		
negs, straight, short; shank line, smooth	2		
Total	100		

# The State Agricultural College of Colorado.

Scale of points.	Perfect score.
General appearance:  Weight, score according to age.  Weight, score according to age.  Form, topline and underline straight, deep, broad, low set, stylish.  Quality, firm handling; hair fine: skin pilable: bone dense; evenly fleshed.  Condition, deep, even covering of firm flesh, especially in regions of valuable cuts.  Head and neck:  Muzzle, broad; mouth large; jaw wide; nostrils large  Eyes, large, eleur, placid.  Face, short; expression quiet.  Forelead, broad, full  Forelead, broad, full  Forelead, broad, full  Forelead, broad, full  Forestand; tenure fine; size medium  Neck, thick, short; throat clean  Fore quarters:  Shoulder vein, full.  Shoulder, covered with flesh, compact on top, smooth  Brisket, advanced; breast wide.  Bewlap, skin not too lose and drooping	
Legs, straight, short; arm full; shank fine, smooth.  Body: Chest, full, deep, wide; grith large; crops full. Ribs, long, arched, thickly fleshed. Back, broad, straight, smooth, even Loin, thick, broad. Flank, full, even with underline.  Hind quarters: Hips, smoothly covered; distance apart in proportion with other parts. Rump, long, wide, even; tail head smooth, not patchy.  Thighe, full, deep meter. Thighe, full, deep meter. Twist, deep, plump. Purse, full, indicating fleshiness. Legs, straight, short; shank fine smooth.	. 1

# College of Agriculture of the University of Illinois.

Scale of points.	Possible score.	Student's score.	Corrected
Heneral appearance—40 points:			
Weight, estimated, — pounds; actual, — pounds; according to age  Form, topline and underline straight, deep, broad, low set,	10		
stylish.  Quality, handling firm; hair fine; skin pliable; bone dense,			
clean; evenly fleshed, without ties or rolls.  Condition, deep, even covering of firm flesh, especially in re-			
gion of valuable cuts			
Muzzle, mouth large; lips thin; nostrils large Eyes, large, clear, placid	1		
Face, short, quiet, expressive Forehead, broad, full	1		
Ears, size medium; texture fine. Neck, thick, short; throat clean. Fore quarters—9 points:			
Shoulder vein, full	2 3		
Brisket, advanced: breast wide Dewlap, skin not too loose and drooping	1		
Legs, straight, short; arm full; shank fine, smooth	2		
Chest, full, deep, wide: girth large; crops full	8		
Back, broad, straight Loin, thick, broad.	8		
Flank, full, even with underline	2		
Hips, smoothly covered; distance apart in proportion with other parts.  Rump, long, wide, even; tail head smooth, not patchy	2 2		
Pin bones, not prominent, far apart Thighs, full	1		
Twist, deep, plump, indicating fleshiness. Legs, straight, short; shank, fine, smooth	. 4		
Total			

#### School of Agriculture of Purdue University.

Same as the Illinois card (see p. 42), with the following exceptions: Under face, omit "quiet;" under rump, read "tailhead wide, smooth, not patchy." There are also some slight differences in phraseology.

#### Iowa State College of Agriculture and the Mechanic Arts.

Scale of points.	Perfect score.
General appearance:	
1 Weight nounds; score according to age	10
2. Form, topline and underline straight; deep, broad, low set, stylish	10
any ties or rolls	10
Head and neck:	74
5. Muzzle, broad; mouth large; jaw wide; nostrils large	
6. Eyes, large, clear, placid	
7. Face, short; expression quiet	
8. Forehead, broad, full	
9. Ears, size medium; texture fine	
10. Horns, oval; texture fine; size medium	
11. Neck, thick, short; throat clean	
Fore quarters:	
12. Shoulder vein, full	
13. Shoulder, covered with flesh, compact on top, smooth	
14. Brisket, advanced; breast wide	
15. Dewlap, skin not too loose and drooping.	
16. Legs, straight, short; arm full; shank fine, smooth	
Body:	
17. Chest, full, deep, wide; girth large; crops full. 18. Ribs, long, arched, thickly fleshed.	
18. Rios, long, arched, thickly lieshed	1
20. Loin thick broad	1
19. Back, broad, straight, smooth, even 20. Loin, thick, broad. 21. Flank, full, even with underline	
Hind quarters:	
22. Hips, smoothly covered; distance apart in proportion with other parts	
23. Rump, long, wide, even; tailhead smooth, not patchy	
24. Pin hones, not prominent, far apart	
25. Thighs, full, deep, wide	
26. Twist, deep, plump	
27. Purse, full, indicating fleshiness	
28. Legs, straight, short; shank fine, smooth.	
Total	10

#### Kansas State Agricultural College.

Same as the Iowa card (see above) for beef cattle, with the following exceptions: Under quality, read "firm handling; hair fine; skin pliable; bone dense: evenly fleshed." Under shoulder, omit "compact on top, smooth."

#### Agricultural and Mechanical College of Kentucky.

Same as Iowa card (see above), except that under quality read "firm handling; hair fine; skin pliable; bone dense; evenly fleshed."

#### Maryland Agricultural College.

Same as Michigan card (see p. 44), with one exception: Under twist, read "deep, full."

# Michigan State Agricultural College.

Scale of points.	Per- fect.	Student's estimate.	Corrected.
General appearance: Age, estimated, —; corrected, —, Weight, estimated, — pounds; corrected, — pounds, Form, square, blocky, broad, top and bottom lines straight Quality, hair fine, soft; skin mellow, loose, pliable, of medium thickness; bone fine, clean Temperament, quiet Style	1		
Head and neck:  Muzzle, clean cut, fine; mouth large; lips thin; nostrils wide, open. Face, short, clean, symmetrical. Eyes, full, bright, placid Ears, size medium; texture fine; covered with fine hair. Horn, waxy; texture fine Neck, thick, short, set firmiv on shoulders.	1 1 1		
Fore quarters: Shoulder, compact, well covered with flesh	7 4 2		
Body:  (Girth, feet, — inches  (Crops, full)  Ribs, well sprung, arched, deep  Back, broad, straight, short.  Loin, full, thick, broad.  Flank, full, low, thick, making underline straight	4 3 5 5 5 5 3		
Hind quarters:  Hips, wide apart, smooth Rump, long, level, wide Pin bones, not prominent, far apart Tail, base smooth; bone fine, clean; hair of switch fine Thigh, full, well fleshed Twist, deep. Purse, full. Legs, short, straight; bone fine, clean	5 3 2 4 5 2		
Total	100		

# College of Agriculture of the University of Minnesota.

Scale of points.	Perfect score.
General appearance:	
Weight, score according to age.     Form, topline and underline straight; deep, broad, low set, stylish.     Quality, hair fine; skin pliable; bone dense; flesh firm, even, deep, especially in	10 10
Quality, hair fine; skin pliable; bone dense; flesh firm, even, deep, especially in regions of valuable cuts     Condition, good health; vigorous; fat abundant, evenly distributed	12
Head and neck:	8
5. Muzzle, broad; mouth large; jaw wide; nostrils large 6. Eyes, large, clear, placid	1
7. Face, short; expression quiet. 8. Forehead, broad, full.	1 1
9. Ears, size medium; texture fine 10. Horns, oval; texture fine; size medium	î 1
11. Neck, thick, short; throat clean  Fore quarters:	î
12. Shoulder vein, full 13. Shoulder, covered with flesh, compact on top, smooth.	2 2
14. Brisket, advanced; breast wide 15. Dewlap, skin not too loose and drooping	1
16. Legs, straight, short; arm full; shank fine, smooth	2
17. Chest, full, deep, wide; girth large; crops full 18. Ribs, long, arched, thickly fleshed.	4 8
19. Back, broad, straight, smooth, even 20. Loin, thick, broad.	10
21. Flank, full, even with underline	8 2
Hind quarters:  22. Hips, smoothly covered; distance apart in proportion with other parts  23. Rump, long, wide, even; tail head smooth, not patchy	2
24. Pin bones, not prominent, far apart	$\frac{\tilde{2}}{1}$
25. Thighs, full, deep, wide	4 1
26. Twist, deep, plump. 27. Purse, full, indicating fleshiness 28. Legs, straight, short; shank fine, smooth	$\frac{1}{2}$
Total	100

# College of Agriculture and the Mechanic Arts of the University of Missouri.

Scale of points.	Per- fect.	Student's estimate.	Corrected.
General appearance:  Age, estimated, ——; corrected, — Weight, estimated, ——pounds; corrected, —— pounds. Form, square, blocky, broad; top and bottom lines straight Quality, fine, soft hair; skin mellow, loose, pliable, of medium thickness; bone fine, clean Temperament, quiet	8 8 3		
	19		
Head and neck:	3 1 1 1 1		
Fore quarters: Shoulder vein, full Shoulder, compact, well covered with flesh Chest, full, deep, thick through the heart Brisket, deep, moderately projecting; breast wide. Legs, straight, short, wide apart; bone strong, clean; arm full	3 3 5 1		
Body: Girth, large; estimated, ——; corrected, ——. Crops, full Ribs, well sprung, arched, deep, thick fleshed. Back, broad, straight, short Loin, full, thick, broad. Flank, full, low, thick, making underline straight.	3 5 5 6		
Hind quarters: Hips, wide apart, smooth. Rump, long, level, wide Pin bones, not prominent, far apart Tail, base smooth; bone fine, clean; hair of switch fine. Thigh, full, well fleshed. Twist, deep Legs, short, straight; bone fine, clean.	27 4 5 3 3 4 5 3		
Total	100		

#### New Hampshire College of Agriculture and the Mechanic Arts.

		Points d	eficient.
· Scale of points.	Perfect score.	Student's score.	Corrected.
A. General appearance:	-		
Weight, estimated, — pounds; actual, — pounds; score ac-			
cording to age.  Form, topline and underlines straight; deep, broad, low set	9		
Quality, handling firm; hair fine; skin pliable; bone dense;			
evenly fleshed	8		
Style, active, upstanding Temperament	1		
Temperament	5		
B. Head and neck:			
Muzzle, fine; mouth large; lips thin; nostrils large			
Eyes, large, clear, placid	1		
Face, short; expression quiet	1		
Ears, size medium: texture fine	1		
Neck, thick, short: throat clean			
C Fore quarters:			
Shoulder vein, full	3		
Shoulder, covered with flesh, compact on top, snug	- 4		
Brisket, advanced; breast wide	2		
Dewlap, skin not too loose and drooping	1		
Legs, straight, short; arm full; shank fine, smooth	. 3		
D. Body:	1 10		
Chest, full, deep, wide; girth large; crops full.  Ribs, long, arched, thickly fleshed	10		
Pools broad straight	. 6		
Back, broad, straight Loin, thick, broad	5		
Flank, full, even with underline	3		
E. Hind quarters:			
Hips, smoothly covered; distance apart in proportion with other			
parts	-1		
Rump, long, even, wide; tailhead smooth, not patchy	5		
Pin bones, not prominent, far apart	3		
Thighs, full			
Twist, deep, plump Purse, full, indicating fleshiness			
Legs, straight, short; shank fine, smooth	2		
Ecgs, straight, short, shalls thic, smooth			
Total	100		
	1		

#### New Mexico College of Agriculture and Mechanic Arts.

Same as the Iowa card (see p. 43) for beef cattle, with the following exception: Under quality, read "firm handling; hair fine; skin pliable; bone dense; evenly fleshed."

#### North Carolina College of Agriculture and Mechanic Arts.

Same as the New Hampshire card (see above) for beef cattle.

## North Dakota Agricultural College.

		Points d	eficient.
Scale of points, a	Perfect score.	Student's score.	Corrected
General appearance:			
Weight, estimated, —— pounds; according to age	0		
stylish	8		
evenly fleshed.	8		
Temperament, quiet	5		
Head and neck: Muzzle, mouth large; lips thin; nostrils large	1		
Eyes, large, clear, placid Face, short; expression quiet.	1		
Face, short; expression quiet	1		
Ears, size medium; texture fine.	1		
Neck, thick, short; throat clean	2		
Fore quarters:	0		1
Shoulder vein, full	4		
Brisket, advanced: breast wide	2		
Dewlap, skin not too loose and drooping	1		
Legs, straight, short; arm full; shank fine, smooth	3		
Chest, full, deep, wide; girth large; crops full			
Ribs, long, arched, thickly fleshed			
Back, broad, straight. Loins, thick, broad	5		
Flank, full, even with underline.			
lind quarters:			
Hips, smoothly covered; distance apart in proportion with other parts.			
Rump, long, even, wide; tailhead smooth, not patchy	5		
Pin bones, not prominent, far apart	3		
Thighs, full	3		
Twist, deep, plump Purse, full, indicating fleshiness	9		
Legs, straight, short; shank fine, smooth			
Total	100		
Total	100		

a After Craig.

## The College of Agriculture and Domestic Science, Ohio State University.

			leficient.
Scale of points.	Perfect score.	Student's score.	Corrected.
Measurements:			
Height, at withers. — hands; height at sternum, — hands		· · · · · · · · · · · · · · · · · · ·	
Heart girth, —; length of body, — Weight, estimated, — pounds; actual, — pounds.			
Weight, estimated, — pounds; actual, — pounds			
A. General appearance: Size, score according to age and breed; mature bulls, 2,000; ma-	1		
ture cows. 1.600: 30-month steers. 1.500 pounds.	8		
Form, body resembling parallelogram; long, broad, deep, low;			
topline and underline straight; equally and smoothly devel-			
oped throughout; symmetrical	8		
winter, not coarse, wiry, or harsh; skin rather thick, pliable			
to touch, not papery, covering a mellow elastic cushion of			
evenly distributed flesh; bone dense, clean	10		
Constitution and temperament, vigorous, but mild and quiet;			
carriage graceful; step firm; bulls showing masculinity and individuality; cows showing femininity and refinement	4		
B. Head:	4		
Size, medium; parts well defined; substantial; face rather short.	1		
Muzzle, broad, full; mouth and nostril large	1		
Eyes, large, clear, placid, wide apart	1		
Forehead, broad, only moderately dished; in bulls preferably full. Horns, texture good; neat, but strong, typical of breed	1		
Ears, size and texture medium; broad rather than long; under	1		
good control.	1		
C. Fore quarters:	1		
Neck, thick, short, insensibly joining the body at all points;			
throat clean; bulls showing decided crest	3		
and not too upright; compact on top	4		
Breast, broad, deep; brisket advanced; dewlap not too loose and	1		
drooping	3		
Legs, short, straight, well placed; arm full; shank fine	2		
D. Body:	İ		
Chest, deep, wide, full; heart girth large; crops filling up even behind shoulders; sternum level, full; stomach not too promi-			
nent, making underline straight.	10	<b></b>	·
nent, making underline straight  Back, broad, level, straight, well covered with flesh; spinal col-			1
umn not evident			
Loin, broad, level, straight, well covered with flesh	6		
Flanks, full, thick, low, even with underline.	3		
E. Hind quarters:			
· Hips, wide apart but not prominent, especially in bulls; well and			
smoothly covered	4		
Rump, long, wide, well covered with flesh so as to carry straight lines from hips to tailhead and to pin bones; pin bones good			
distance apart, but not prominent or patchy	8		
Tail, flat and broad at root, fitting closely and smoothly to back			
line; fine	1		
Thighs, carrying large amount of flesh, as indicated by width,			
thiskness and by well descended course unsight or slightly			
thickness, and by well descended, square, upright or slightly		1	
thickness, and by well descended, square, upright or slightly rounded bullocks and low twist; in steers, purse full, indicating fleshiness	5		
thickness, and by well descended, square, upright or slightly	5		
<ul> <li>thickness, and by well descended, square, upright or slightly rounded bullocks and low twist; in steers, purse full, indica- ting fleshiness</li> </ul>	5		
thickness, and by well descended, square, upright or slightly rounded bullocks and low twist; in steers, purse full, indicating fleshiness.  Legs, straight, short; shank fine; standing firmly on feet; proper			

## Oklahoma Agricultural and Mechanical College.

Scale of points.	Possible score.	Name of animal.
General appearance—40 points:		
Weight, 12 months, 800 pounds; 18 months, 1,100 pounds; 24		
months, 1,300 pounds: 36 months, 1,700 pounds. Estimated.		
— pounds; actual — pounds; score according to age — . Form, topline and underline straight; deep, broad, low set,	10	
Form, topline and underline straight; deep, broad, low set,		
stylish	10	
· Quality, firm handling; hair fine; skin pliable; bone dense,		
clean; evenly fleshed, without ties or rolls	10	
Condition, deep, even covering of firm flesh, especially in		
region of valuable cuts	10	
Head and neck—7 points:		
Muzzle, broad; lips moderately thin; nostrils large		
Eyes, large, clear, placid	1.	
Face, short; expression quiet	1	
Forehead, broad, full	1	
Ears, size medium; texture fine	1	
Neck, thick, short; throat clean	2	
Fore quarters—9 points:		
Shoulder vein, full		
Brisket, advanced: breast wide		
Dewlap, skin not too loose and drooping	1	
Legs, straight, short; arm full; shank fine, smooth	1	
Body—30 points:	4	
Chest, wide, deep, full; girth large; crops full	4	
Ribs, long, arched, thickly fleshed		
Back, broad, straight, smooth.		
Loin, thick, broad, extending well forward		
Flank, full, even with underline	9	
Hind quarters—14 points:	~	
Hips, smoothly covered; distance apart in proportion to other		
parts	2	
Rump, long, wide, even; tailhead smooth, not patchy	2	
Pin bones, not prominent, far apart	1	
Thighs full wide	3	
Twist, plump, deep; purse in steers full, indicating fleshiness.	4	
Legs, straight, short; shank fine, smooth	2	
		·
Total	100	

## Oregon State Agricultural College.

Scale of points.	Possible score.	Student's estimate.	Corrected.
Weight, estimated, — pounds; actual, — pounds.     Form, topline and underline straight; deep, broad, low set			
evenly fleshed. 4. Style, active, upstanding	1		
5. Temperament 6. Muzzle, fine; mouth large; lips thin; nostrils large 7. Eyes, large, clear, placid 8. Face, short; expression quiet.	1 1		
9. Forehead, broad, full 10. Bars, size medium; texture fine 11. Neck, thick, short; throat clean 12. Shoulder vein, full	1 2		
13. Shoulders, covered with flesh, compact on top, snug	4 2 1		
16. Legs, straight, short; arm full; shank fine, smooth 17. Chest, full, deep, wide; girth large; crops full 18. Ribs, long, arched, thickly fleshed	10 5		
19. Back, broad, straight 20. Loin, thick, broad. 21. Flank, full, even with underline. 22. Hips, smoothly covered; distance apart in proportion with	6 2		
other parts 23. Rump, long, even, wide; tailhead smooth, not patchy	4 5 3		
25. Thighs, full. 26. Twist, deep, plump. 27. Legs, straight, short; shank fine, smooth	4		
Total	100		

## The Pennsylvania State College.

		Points d	eficient.
Scale of points.	Perfect score.	Student's score.	Corrected
General appearance:			
Weight, estimated, — pounds, according to age	6		
ish	8		
evenly fleshed	8		
Head and neck:			
Muzzle, mouth large; lips thin; nostrils large Eves, large, clear, placid	1		
Face, short; expression quiet Forehead, broad, full	1		
Ears, size medium; texture fine. Neck, thick, short; throat clean.	1		
Fore quarters:			
Shoulder vein, full			
Brisket, advanced: breast wide.  Dewlap, skin not too loose and drooping.	2		
Legs, straight, short; arm full; shank fine, smooth	3		
Body: Chest, full, deep, wide; girth large; crops full	8		
Ribs, long, arched, thickly fleshed	6		
Loin, thick, broad Flank, full, even with underline	5		
Hind quarters:  Hips, smoothly covered; distance apart in proportion with other	*		
parts			
Rûmp, long, even, wide; tailhead smooth, not patchy	5 3		
Thighs, full Twist, deep, plump.	3		
Purse, full, indicating fleshiness	2		
Legs, straight, short; shank fine, smooth	3		
Total	100		

## South Dakota Agricultural College.

Same as the Iowa card (see p. 43) for beef cattle.

## State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Possible score.	Student's
. General appearance:		
1. Estimated weight, — pounds: actual, — pounds 2. Weight, according to age; yearling, 800; two-year, 1,200 3. Form, deep, broad, low set; with straight topline and underline		
2. Weight, according to age: yearling, 800: two-year, 1,200.	5	
3. Form, deep, broad, low set: with straight topline and underline	6	
4. Quality, hair fine; skin pliable; bone dense; all parts evenly covered with		
firm flesh	6	
5. Style, active, sprightly 6. Temperament, neither sluggish nor wild	1	
6. Temperament, neither sluggish nor wild	4	
7. Constitution, vigorous, robust, showing size and substance	4	
. Head and neck:		
8. Muzzle, fine; mouth large; lips thin; nostrils large		
9. Eyes, large, clear, placid	1	
10. Face, short; expression quiet	1	
11. Forehead, broad, full	1	
12. Ears, medium in size and fine in texture	1	
13. Neck, thick, short; throat clean	2	
. Fore quarters:		i
14. Shoulder vein, full.	3	
15. Shoulders, smooth, well fleshed, compact on top	4	
16. Brisket, extending well forward; breast wide	2	
17. Dewlap, light	1	
17. Dewlap, light 18. Legs, straight, short; arm full; shank fine, smooth	3	
D. Body:		
19. Chest, full, deep, wide; girth large; crops full	10	1
20. Ribs, long, well arched, thickly fleshed	5	
21. Back, broad, straight	6	
22. Loin, thick, broad	5	
23. Flank full, even with underline	3	
. Hind quarters:		
24. Hips, smooth, proportionately wide	4	
25. Rump, long, even, wide; tailhead smooth.	5	
26. Pin bones smooth, well set apart.	3	
27. Thighs, full		
28. Twist, deep, plump	0	
29. Purse, full	2	
30. Legs, straight, short; shank fine, smooth	2	
31. Tail, fine	3	
or, ran, mic	1	
Total	100	
10tat	100	

# State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
I. Primary considerations:		
1 Weight pounds		
2. Size and substance, for age	3	
3. Style, attractive, sprightly: breeding apparent.	4	
4. Appearance, square, blocky, rectangular	4	
Size and substance, for age.     Style, attractive, sprightly; breeding apparent.     Appearance, square, blocky, rectangular.     Quality, skin thin, loose, elastic, mellow; flesh firm; hair soft, fine, silky.	5	
II. Nervous energy:		
6 Temperament active controlled	5	
6. Temperament, active, controlled	6	
8 Forehead broad high	3	
8. Forehead, broad, high 9. Ears, broad, thin, active	9	
10. Spinal column, long, well covered. 11. Navel, large, defined.		
11 Navel large defined	ŏ	[
III. Structural anatomy:		
12. Contour, clean-cut, smooth, correlated, symmetrical, free from patchi-		
ness and offal		
13. Head, medium in size; muzzle refined; mouth large; face short		
14. Neck, full, medium length, cylindrical; throat clean; dewlap light		
14. Neck, iui, medium rengtii, cyrindricai; throat crean; dewlap right	1	
15. Withers, broad on top, well fleshed; shoulder well covered, slanting	2	
16. Back, straight, strong, well covered	3	
17. Loin, broad, strong, well covered. 18. Pelvic arch, suppressed, well covered; pin bones wide.	8 2	
18. Pelvic arch, suppressed, well covered; pin bones wide	2	
19. Flank, low; twist full; thigh full, recurved	1	
20. Bones, medium; joints fine, flat; horns small, waxy; tail long, bone fine.	2	
IV. Digestion and assimilation:		
21. Nostrils, medium-sized, clear, bright	1	
22. Breast and brisket, prominent, full, low	1	
23. Chest, wide, deep, long; girth large	8	
24. Barrel, medium long, broad, cylindrical, deep, capacious	9	
24. Barrel, medium long, broad, cylindrical, deep, capacious. 25. Ribs, flat, close together, well sprung.	3	
26. False ribs, well developed	3	
V. Essential qualities:		
27. Straight top, side, and bottom lines; large girths at flank; navel and loin		
of about equal dimensions	4	
28. Close conformation; evenly and deeply covered with firm, springy flesh,	_	
free from patchiness	6	
free from patchiness 29. Muscular and meaty, in loin and hind quarter.	4	
30. Good size and weight, for age, indicating early maturity	3	
31. Constitution, good: bone sufficient for weight	8	
on community, good, some summer to the state of the state		
Total	100	
A V V V V V V V V V V V V V V V V V V V	100	

## Agricultural College of Utah.

		Score.	
Scale of points.	Stand- ard.	Student's.	Corrected
General appearance:			
Weight, estimated, — pounds; corrected, — pounds; score			
according to age.  Form, topline and underline straight; deep, broad, low set,	4		
stylish	10		
Quality, firm handling; hair fine; skin pliable; bone dense; evenly fleshed.	10		
Temperament, quiet	4		
Muzzle, clean cut, fine: mouth large; lips thin; nostrils large	. 1		
Eyes, large, clear, placid	1		
Forehead, broad, full	1		
Ears, size medium; texture fine	$\frac{1}{2}$		
Fore quarters: Shoulder vein, full			
Shoulder, covered with flesh, compact on top, snug	3		
Withers, wide, level. Brisket, advanced; breast wide.	1 2		
Dewlap, skin not too loose and drooping, mellow	1		
Legs, straight, short; arm full; shank fine, smooth; wide apart.	2		
Chest, full, deep, wide; girth large; crops full	8		
Girth, — feet, — inches Crops, full, filling up even behind shoulder	4		
Ribs, long, close, arched, thickly fleshed	3		
Loin, thick, broad, full	5		
Flank, full, even with underline	3		
Hip, smoothly covered; distance apart in proportion to other			
parts	5		
Pin bones, not prominent, far apart	3		
Thighs, full, well fleshed Twist, deep, plump	4		
Purse, full, indicating fleshiness. Legs, straight, short; shanks fine, smooth.	2 3		
	100		
Total	100		

## Virginia Agricultural and Mechanical College and Polytechnic Institute.

Same as the Iowa card (see p. 43) for beef cattle

# Washington Agricultural College and School of Science.

	Perfect	Points d	eficient.
Scale of Points.	score.	Student's score.	Cor- rected.
A. General appearance—28:			
Weight, estimated, — pounds; according to age	6		
Form, topline and underline straight; deep, broad, low set	. 8		
Quality, handling firm; hair fine; skin pliable; bone dense;	_		
evenly fleshed	8		
Style, active, upstanding	1		
Temperament  B. Head and neck—7:	9		
Muzzle, fine; mouth large; lips thin; nostrils large	1		
From large along placid	1 1		
Eyes, large, clear, placid. Face, short; expression quiet Forehead, broad, full	1 1		
Forehead broad full	1		
Ears, size medium: texture fine	Î		
Neck, thick, short; throat clean	2		
C. Fore quarters—12:			
Shoulder vein, full	2		
Shoulder, covered with flesh, compact on top, snug Brisket, advanced; breast wide Dewilap, skin not too loose and drooping.	4		
Brisket, advanced; breast wide	2		
Dewlap, skin not too loose and drooping	1		
Legs, straight, short; arm full; shank fine, smooth	3		
D. Body—29:			
Chest, full, deep, wide; girth large; crops full	10		
Ribs, long, arched, thickly fleshed	5		
Back, broad, straight Loin, thick, broad	5		
Loin, thick, broad	b		
Flank, full, even with underline.	8		
E. Hind quarters—24:			
Hips, smoothly covered, distance apart in proportion with other parts	4		
Rump, long, even, wide; tailhead smooth, not patchy			
Pin bones, not prominent, far apart.	3		
Thighs, full			
Twist doen nlumn			
Purse or udder full indicating fleshiness	2		
Twist, deep, plump. Purse, or udder, full, indicating fleshiness. Legs, straight, short; shank fine, smooth	3		
Zogo, strangari, smorti, smarin mile, smooth			
Total	100		
	1	l	1

# College of Agriculture of the University of Wisconsin.

		Points d	leficient.
Scale of points.	Possible score.	Student's score.	Corrected.
General appearance—26 points:			
Weight estimated nounds; according to age	6		
Weight, estimated, — pounds; according to age	8		
Quality, handling firm; hair fine; skin pliable; bone fine;	0		
evenly fleshed	8		
Style, active, upstanding.	1		
Temperament, quiet, docile.			
Temperament, quiet, docue	0		
Head and neck—8 points:			
Muzzle, good size; mouth large; lips thin; nostrils large	2		
Eyes, large, clear, placid	1		
Face, short; expression quiet	1		
Forehead, broad, full	1		
Ears, size medium; texture fine	1		
Neck, thick, short; throat clean	2		
Fore quarters—13 points:			
Shoulder vein, full	3		
Shoulder, covered with flesh, compact on top, snug			
Breast, wide; brisket prominent	2		
Dewlap, skin not too loose and drooping	1		
Legs, straight, short: arm full: shank fine, smooth	3		
Body—28 points:		1	
Chest, full, deep, wide; girth large; fore flank full	6		
Crops, full, even with shoulders	3		
Ribs deen arched thickly fleshed	5		
Ribs, deep, arched, thickly fleshed Back, broad, straight, evenly fleshed	6		
Loin, thick, broad	5		
Flank, full, even with underline.	3		
Hind quarters—25 points:	0		
Hips, smoothly covered; distance apart in proportion with			
other parts			
Rump, long, even, wide; tailhead smooth, not patchy	1		
Rump, long, even, wide; tallnead smooth, not patchy	9		
Pin bones, not prominent, far apart	9		
Thighs, full, wide, deep	5)		
Twist, deep, plump.	4		
Purse, full, indicating fleshiness Legs, straight, short; shank fine, smooth	2		
Legs, straight, short; shank nne, smooth	2		
Total			
A Utdat	100		

#### STORE CATTLE.

## Oklahoma Agricultural and Mechanical College.

Scale of points.	Possible score.	Nε	Name of animals		
General appearance—40 points:  Weight, estimated, — pounds; actual, — pounds; according to age	8				
Form, topline straight; blocky, low set, in general a parallelo- gram, deep, broad; heart girth large, showing strong con- stitution; stylish; the animal should have a moderately large barrel, indicating a large capacity for storing and					
utilizing food					l
Condition, moderate covering of flesh, especially in region					
of valuable cuts Disposition, quiet, but not sluggish Head and neck—7 points:	2				
Muzzle, broad; mouth large; jaw wide; nostrils large Eyes, large, clear, placid.	2				
Face, short; expression quiet	1 .5				
Ears, texture fine; size medium Neck, thick, short; throat clean.	.5				
Fore quarters—8 points: Shoulder -vein, well filled, giving a smooth blending of the neck to the shoulder	1				
Shoulder, well laid in, smooth, with an even covering of flesh; not heavy and coarse	3				
Brisket, advanced; breast wide.  Dewlap, skin not too loose and drooping	1		i		i
Legs, straight, short; arm full; shank fine, smooth	2		<b></b>		
filled, showing strong constitution	6				
Back, broad, straight, smooth, even Loin, broad, moderately thick, extending well forward	10 7				
Flank, full, even with underline	2				
Hips, smoothly covered; distance apart in proportion with other parts, but not prominent. Rump, long, wide, eyen; tailhead smooth; tail well set	2				
Thighs, full, deep, wide	1 3				
Twist, plump, deep Legs, straight, short; shank fine, smooth	2 2				
Total	100				

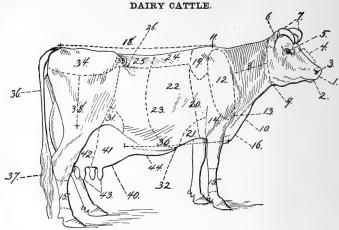


Fig. 4.—Points of the dairy čow, side view.

- 1. Muzzle. 2. Mouth.
- 2.
- Nostril.
- 4. Face.
- 5. Eye.
- Ear.
- 7. Horns. 8. Neck.
- 10. Dewlap.
- 9. Throat.

- Brisket. 18. Topline. 19. Crops. 20. Girth.

  - 21. Fore flank.

11. Withers, 12. Shoulder, 13. Point of shoulder.

- 22. Ribs. 23. False ribs.
- 24. Back, or chine.
- 14. Arm. 15. Shanks, or cannons. Loin.

  - 26. Coupling. 30. Underline. 31. Hind flank. 32. Navel.

  - 33. Hip, or point of hip. 34. Rump.
- 36. Tail. 37. Switch, or brush. 38. Thigh. 40. Udder.

- 41. Fore udder.
- 42. Hind udder.
- 43. Teats. 44. Mammary veins, or milk veins.
- 11111 1.Jh

Fig. 5.—Points of the dairy cow, three-quarters rear view.

- 17. Chest. 27. Barrel.
- 28. Barrel depression. 29. Stomach, or belly.

- 35. Pin bones, or thurls. 42. Hind udder.
  39. Escutcheon. 44. Mammary veins.

# Alabama Polytechnic Institute.

	Possible score.	Student's score.	Judge's score.
General appearance: Size, medium to large Form, inclined to be wedge shaped. Quality, hair fine, soft; skin mellow, loose, medium thickness;	3 5		
secretion, yellow; bone, clean, fine.  Temperament, nervous, indicated by lean appearance when	5		
in milk. Objections, undersize, too excitable. Head and neck:	5		
Muzzle, moist, clean cut; mouth large; nostrils large Eyes, large, bright, full, mild Face, lean, long, quiet, expressive	1		
Forehead, broad, dishing  Ears size medium: inside vellow: texture fine	1		
Horns, texture fine  Neck, fine; length medium; throat clean; dewlap light  Objections, thick, coarse head and neck.	. 1		
Fore quarters: Withers, lean, thin	1		
Shoulders, light, oblique Legs, straight, short; shank fine Objections, broad withers; heavy shoulders; legs close together.	. 2		
Chest deep low: girth large with full foreflank	10	   <b></b>	
Barrel, ribs broad, long, wide apart; stomach large Back, lean, straight, open jointed Loin, broad	2		
Navel, large Objections, narrow chest; shallow, close-coupled barrel; straight underline.	2		
Hind quarters:	2		
Rump long, wide; pelvis roomy Pin bones (or thurls), high, wide apart Tail, long, slim; hair in switch fine.	1		
Escutcheon, spreading over thighs, extending high and wide:	4		
large thigh ovals Udder, long, attached high and full behind, extending far in front and full, flexible: quarters even, free from fleshiness	I		
front and full, flexible; quarters even, free from fleshiness 1 aats, large, evenly placed. Mammary veins, large, long, tortuous, branched, with double extension; milk wells large, numerous	5		
extension; milk wells large, numerous Legs, straight, shank fine Objections, narrow hips; small, uneven, fleshy, or too large udder; small, uneven-sized teats.	2		
Total	100		

## School of Agriculture of Purdue University.

	Score.					
	1	fale		F	ema	le.
Scale of points,	Standard.	Student's.	Corrected.	Standard.	Student's.	Corrected.
Form, wedge shape from front, side, and top				8		
not fleshy; bone fine	10			8		
Muzzle, broad; nostrils large; nose fine between muzzle and eyes.  Eyes, full, placid.  Face, lean, fine, shapely.  Forehead, dishing, broad between eyes.  Ears, size medium; inside fine, yellow.	2 1 2 1			1 1 2 1		
Neck, fine, rather long, well set on shoulders and head; topline slightly curved; throat clean; dewlap light. Neck, neatly joined to head and shoulders, of good length; masculine and strong of bearing, nearly free of dewlap.						
Fore quarters:						
Withers, lean, thin Withers, well rounded, even on top. Shoulders, light, oblique Legs, straight, short; shank fine; feet well placed	2					
). Body: Chest, deep, low, full; girth large. Crops, well filled out Ribs, long, broad, well sprung, wide apart Back, fairly level to set of tail, broad, strong. Loin, broad, long, level. Flanks, low	10 3 8 3 5			9 1 8 1 4		
Navel, prominent. 2. Hind quarters: Hips, wide apart. Rumps, long, broad, level. Pin bones (or thurls), high, wide apart Thighs, thin, roomy, long, well carried Tail, long, fine, reaching hocks; good switch Legs, straight, short, wide apart, shank fine.	2 2 1 3			2 2 1 2		
Legs, straight, short, wide apart; shank nie:  Cudder and rudimentaries:  Front udder, carried well forward, full, thick, soft, mellow within.  Hind udder, full in form, well up behind.  Milk veins, large, long, elastic, tortuous, entering large orifices.  Teats, 2;-3 inches long, good size, well placed.  Rudimentaries, four; large, well placed.	5			12 10 7		
Total						-

# Iowa State College of Agriculture and the Mechanic Arts.

Scale of points.	Perfect score.
General appearance:	
1. Weight	
2. Form, inclined to be wedge shaped. 3. Quality, hair fine, soft; skin mellow, loose, medium thickness; secretion yellow; bone clean, fine	6
bone clean, tine	6
4. Condition, lean, though vigorous appearance when in milk	6
5. Muzzle, clean cut; mouth large; nostrils large.	1
6. Muzzle, crean cut, mouth raige, nostris raige.	1
6. Eyes, large, bright, full, mild 7. Face, lean, long, expression quiet 8. Forehead, broad	1
8. Forehead, broad.	î
9. Ears, size medium; inside yellow; texture fine 10. Horns, waxy; texture fine 11. Neck, fine; length medium; throat clean; dewlap light	1
10. Horns waxy: texture fine	i
II. Neck, fine: length medium: throat clean: dewlap light	1
Fore quarters:	
12 Withers lean thin	1
13. Shoulders, light, oblique 14. Legs, straight, short; shank fine	. 2
14. Legs, straight, short; shauk fine	2
Body:	
15. Chest, deep, low; girth large, with full fore flank.	10
16. Barrel, ribs broad, long, wide apart; stomach large.	10
17. Back, lean, straight, open jointed.	2 2
18. Loin, broad 19. Navel, large	2
19. Navel, large	2
Hind quarters:	_
20. Hips, far apart, level 21. Rump, long, wide	2
21. Rump, long, wide	$\frac{2}{2}$
22. Pin bones (or thurls), high, wide apart	1
23. Tail, long, slim; hair in switch fine	1
24. Thighs, thin, long 25. Escutcheon, spreading over thighs, extending high and wide; thigh ovals large	4 2
26. Udder, long, attached high and full behind, extending far in front and full, flexible:	4
quarters even, free from fleshiness.	20
27. Teats, large, evenly placed	5
28. Mammary veins, large, long, tortuous, branched with double extension; milk wells	0
large numerous	5
29. Legs, straight, short; shank fine	2
Total	100

## Kansas State Agricultural College.

Scale of points.	Possible score.	Student's score.	Judge's score.
General appearance:	6		
Form, inclined to be wedge shaped			
secretion yellow; bone clean, fine Temperament, nervous, indicated by lean appearance when in			
milk	6		
Muzzle, clean cut; mouth large; nostrils large. Eyes, large, bright, full, mild	1		
Face, lean, long; expression quiet	1		
Forehead broad	1		
Ears, size medium; inside yellow; texture fine	1		
Horns, waxy; texture fine	1		
Neck, fine; length medium; throat clean; dewlap light  Fore quarters:	1		
Withers, lean, thin	1		1
Shoulders, light, oblique			
Legs, straight, short; shank fine	2		
Body:	10		
Chest, deep, low; girth large, with full fore flank	10		
Back, lean, straight, open jointed	2		
Loin, broad			
Navel, large	2		
Hind quarters:	_		
Hips, far apart, level	2		
Rump, long, wide	2		
Pin bones (or thurls), high, wide apart			
Tail, long, slim; hair in switch fine			
Thighs, thin, long. Escutcheon, spreading over thighs, extending high and wide;	4		
Escutcheon, spreading over thighs, extending high and wide;	2		
thigh ovals large	2		
front and full, flexible; quarters even, free from fleshiness.	90		
Tools large evenly pleased	5		
Teats, large, evenly placed.  Mammary veins, large, long, tortuous, branched, with double	9		
extension; milk wells large, numerous	5		
Legs, straight; shank fine	2		
Total	100		

# Agricultural and Mechanical College of Kentucky.

Same as the Kansas card (see above) for dairy cattle.

# Maryland Agricultural College.

Scale of points.	Perfect score.	Student's score.	Corrected.
I. Primary considerations—16 points:  Weight in pounds, estimated, —; corrected, — Size and substance, for age. Style, attractive, sprightly; breeding apparent Appearance, wedge-shaped viewed from front, side, rear and	4		
above; angular. Quality, skin thin, loose, elastic, mellow; flesh firm; hair soft, fine, silky	5		<u> </u>
II. Nervous energy—23 points: Temperament, active, controlled Eyes, large, clear, bright, mild, placid, free from white Forehead, broad, high; face dished. Ears, broad, thin, active Spinal column, long, prominent, open. Milk veins, branching, long, tortuous Navel, large, defined.	3 2 4 4		
	23		
III. Structural anatomy—18 points: Contour, clean-cut, smooth, correlated, symmetrical, free from patchiness and offal	2		
light. Withers, narrow on top, spreading: shoulder light, slanting Back, straight, strong, well muscled Loin, broad, strong. Pelvic arch, prominent, bare; pin bones high, wide; hips wide,	1 2 3		
prominent. Flank, high; twist open; thigh thin, incurved Bones, medium; joints fine, flat; horns small, waxy; tail long. slim	2		
IV. Digestion and assimilation—23 points:  Nostrils, medium sized, clear, bright. Breast and brisket, prominent, angular, but not pointed. Chest, wide, deep, long; heart girth large. Barrel, medium long, broad on top, deep, capacious. Ribs, flat, spaced, well sprung; chine open. False ribs, suppressed; barrel depression marked.	1 1 6 9 3		
V. Milk indications—20 points: Udder, long, capacious, balanced, well up behind, free from fleshiness, but with some substance when empty, strongly attached; teats of good size, evenly placed Escutcheon, spreading over thighs, extending well upward. Milk veins, large, tortuous, long, branched; milk wells large Skin of ear and udder yellow; secretions yellow, plentiful	10 3 6		
•	20		
Total	100		
VI. Obvious and deductive defects			

# Massachusetts Agricultural College.

Muzzle, clean cut; mouth and nostrils large	•		Points d	eficient.
Age, estimated, — years; corrected, — years. — Weight, estimated, — pounds; corrected, — pounds. — Form, trim, triple wedge shape. — Guality, hair fine, soft; secretion abundant, yellow; skin mellow, of not more than medium thickness; bone clean, fine. — 5  Temperament, nervous; indicated by sprightly movements of experiment, perminence of veilan, fine. — 5  Hend and neck—8 points: — Spring the state of t	Scale of points.			
Age, estimated, — years; corrected, — years. — Weight, estimated, — pounds; corrected, — pounds. — Form, trim, triple wedge shape. — Guality, hair fine, soft; secretion abundant, yellow; skin mellow, of not more than medium thickness; bone clean, fine. — 5  Temperament, nervous; indicated by sprightly movements of experiment, perminence of veilan, fine. — 5  Hend and neck—8 points: — Spring the state of t	A General appearance—17 points:			
Weight, estimated, — pounds; corrected, — pounds   Form, trim, triple wedge shape   Quality, hair fine, soft; secretion abundant, yellow; skin mellow of not more than medium thickness; bone clean, fine   5	tore estimated means compared more			
Quality, hair fine, soft; secretion abundant, yellow; skin mellow, of not more than medium thickness; bone clean, fine 5 Temperament, nervous, indicated by sprightly movements of eye or ear, general refinement, prominence of veins, etc.; not sluggish nor yet wild and restive 5 Head and neck—8 points: Muzzle, clean cut; mouth and nostrils large 1 Eyes, prominent, clear, mid 2 Forehead, broad, slightly dishing 1 Ears, fine; size medium; secretion rich, yellow 1 Neck, medium long, rather thin, fine at throat 2 Fore quarters—6 points: Withers, lean; spine high Shoulders, fairly wide at points, light, sloping 2 Brisket, light, thin 1 Legs, short, straight; bone clean, fine 1 Body—23 points: Chest, deep; girth, — feet; corrected, — feet. Ribs, long, broad, open, moderately well sprung 2 Barrel, long, deep, capacious. Barrel, long, deep, capacious. Barrel, long, deep, capacious. Barrel, long, deep, plointed; prominences clearly defined 2 Elink, deep, firm 1 Navel, large 1 Navel, large 1 Elink, deep, ploints: 1 Thighs, long, thir; twist roomy, wide 3 Thurls, high, wide apart 1 Thighs, long, thir; twist roomy, open 4 Thighs, long, thir; twist roomy, open 4 Thighs, long, there losely articulated; bush heavy 1 Legs, straight, well apart, fine boned 2 Udder and milk veins—32 points: Fore udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious,	Weight, estimated, — pounds: corrected, — pounds			
Quality, hair fine, soft; secretion abundant, yellow; skin mellow, of not more than medium thickness; bone clean, fine 5 Temperament, nervous, indicated by sprightly movements of eye or ear, general refinement, prominence of veins, etc.; not sluggish nor yet wild and restive 5 Head and neck—8 points: Muzzle, clean cut; mouth and nostrils large 1 Eyes, prominent, clear, mid 2 Forehead, broad, slightly dishing 1 Ears, fine; size medium; secretion rich, yellow 1 Neck, medium long, rather thin, fine at throat 2 Fore quarters—6 points: Withers, lean; spine high Shoulders, fairly wide at points, light, sloping 2 Brisket, light, thin 1 Legs, short, straight; bone clean, fine 1 Body—23 points: Chest, deep; girth, — feet; corrected, — feet. Ribs, long, broad, open, moderately well sprung 2 Barrel, long, deep, capacious. Barrel, long, deep, capacious. Barrel, long, deep, capacious. Barrel, long, deep, plointed; prominences clearly defined 2 Elink, deep, firm 1 Navel, large 1 Navel, large 1 Elink, deep, ploints: 1 Thighs, long, thir; twist roomy, wide 3 Thurls, high, wide apart 1 Thighs, long, thir; twist roomy, open 4 Thighs, long, thir; twist roomy, open 4 Thighs, long, there losely articulated; bush heavy 1 Legs, straight, well apart, fine boned 2 Udder and milk veins—32 points: Fore udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious,	Form, trim, triple wedge shape	7		
Temperament, nervous, indicated by sprightly movements of eye or ear, general refinement, prominence of veins, etc.; not sluggish nor yet wild and restive.  Head and neck—8 points: Muzzle, clean cut; mouth and nostrils large.  Eyes, prominent, clear, mild.  Face, rather long, lean, fine.  Forchead, broad, slightly dishing.  Ears, fine; size medium; secretion rich, yellow.  Neck, medium long, rather thin, fine at throat.  Fore quarters—6 points:  Withers, lean; spine high  Eyes, short, straight; bone clean, fine.  Dedy—23 points:  Chest, deep; girth, —feet; corrected, —feet.  Kibs, long, broad, open, moderately well sprung.  Chine, prominent, narrow.  Barrel, long, deep, capacious.  Back, straight, open jointed; prominences clearly defined.  Elong, deep, capacious.  Back, straight, open jointed; prominences clearly defined.  Lin, broad, spare fleshed.  Flank, deep, thin  Navel, large.  Hind quarters—14 points:  Hips, prominent, wide.  Rump, level, long; pelvis roomy, wide.  Thighs, long, thin; twist roomy, open  Thighs, long, thir; twist roomy, open  Tail, long, rather loosely articulated; bush heavy.  Less, straight, well apart, fine boned.  Escutcheon, high, wide apart, of convenient size, uniform.  Milk veins, large, long, crooked, extending well forward, branched, large, long, crooked, extending well forward, branched, large, long, crooked, extending well forward, branched, well up behind, capacious, free from fleshiness.  Teats, squarely placed, wide apart, of convenient size, uniform.  Milk veins, large, long, crooked, extending well forward, branched, well up behind, capacious, free from fleshiness.  Branch construction of the province of the p	Quality, hair fine, soft; secretion abundant, yellow; skin mellow.			
Temperament, nervous, indicated by sprightly movements of eye or ear, general refinement, prominence of veins, etc.; not sluggish nor yet wild and restive.  Shead and neck—8 points: Muzzle, clean cut; mouth and nostrils large.  Eyes, prominent, clear, mild.  Face, rather long, lean, fine.  Forchead, broad, slightly dishing.  Ears, fine; size medium; secretion rich, yellow.  Ears, fine; size, medium; secretion rich, yellow.  Ears, short, staript, ear, spine high.  Shoulders, fairly wide at points, light, sloping.  Erisket, light, thin.  Legs, short, staright; bone clean, fine.  1.  Body—23 points:  Chest, deep; girth, — feet; corrected, — feet.  Ribs, long, broad, open, moderately well sprung.  Chine, prominent, narrow.  Barrel, long, deep, capacious.  Barel, long, deep, capacious.  Barel, long, deep, capacious.  Barel, long, deep, deprominences clearly defined.  2.  Loin, broad, spare fleshed.  1.  Flant, deep; thin.  1.  Hind quarters—14 points:  Hind quarters—14 points:  Hips, prominent, wide.  Rump, level, long; pelvis roomy, wide.  3.  Thurls, high, wide apart.  1.  Thighs, long, thin; twist roomy, open.  4.  Thighs, prominent, wide.  2.  Udder and milk veins—32 points:  Fore udder, broad, well up behind, capacious, free from fleshiness.  Hind udder, broad, well forward, capacious, free from fleshiness.  Hind udder, broad, well forward, capacious, free from fleshiness.  Hind udder, broad, well up behind, capacious, free from fleshiness.  Hind udder, broad, well operand, of convenient size, uniform.  6.  Milk wells, large or numerous.	of not more than medium thickness; bone clean, fine	5		
eyé or ear, general refinement, prominence of veins, etc.; not sluggish nor yet wild and restive.  3. Head and neck—8 points: Muzzle, clean cut; mouth and nostrils large.  Eyes, prominent, clear, mild.  Face, rather long, lean, fine.  Fore-quarters—6 points:  Neck, medium long, rather thin, fine at throat.  Pore quarters—6 points:  Withers, lean; spine high Shoulders, fairly wide at points, light, sloping.  Brisket, light, thin.  Chest, deep; girth, —feet, corrected, —feet.  Kibs, long, broad, open, moderately well sprung.  Chine, prominent, narrow.  Barrel, long, deep, capacious.  Back, straight, open jointed; prominences clearly defined.  Loin, broad, spare fleshed.  Flank, deep, thin.  Navel, large.  Hind quarters—14 points:  Hips, prominent, wide.  Rump, level, long; pelvis roomy, wide.  Thighs, long, thin; twist roomy, wide.  Thighs, long, thin; twist roomy, open.  Thighs, long, ather loosely articulated; bush heavy.  Less, straight, well apart, fine boned.  Escutcheon, high, wide apart.  Text, squarely placed, wide apart, of convenient size, uniform.  Milk veins, large, long, crooked, extending well forward, branched, large, long, crooked, extending well forward, branched, large, long, crooked, extending well forward, branched, large or numerous.	Temperament, nervous, indicated by sprightly movements of			
Sluggish nor yet wild and restive   5   5   5   5   5   5   5   5   5	eve or ear, general refinement, prominence of veins, etc.: not			
Muzzle, clean cut; mouth and nostrils large	sluggish nor yet wild and restive	5		
Eyes, prominent, clear, mild.	B. Head and neck—8 points:			
Face, rather long, lean, fine.   2   Forehead, broad, slightly dishing   1   1	Muzzle, clean cut; mouth and nostrils large	1		
Face, rather long, lean, fine.   2   Forehead, broad, slightly dishing   1   1	Eyes, prominent, clear, mild.	1		
Forehead, broad, slightly dishing	Face, rather long, lean, fine.	2		
Neek, medium long, rather thin, fine at throat	Forehead, broad, slightly dishing	1		
Neek, medium long, rather thin, fine at throat	Ears, fine: size medium: secretion rich, vellow	1		
. Fore quarters—6 points: Withers, lean; spine high Withers, lean; spine high Shoulders, fairly wide at points, light, sloping 2 Brisket, light, thin 1 Legs, short, straight; bone clean, fine. 1 . Body—23 points: Chest, deep; girth, — feet; corrected, — feet Ribs, long, broad, open, moderately well sprung 2 Chine, prominent, narrow 3 Barrel, long, deep, capacious. 8 Back, straight, open jointed; prominences clearly defined 2 Loin, broad, spare fleshed. 1 Flank, deep, thin 1 Navel, large. 1 Hind quarters—14 points: Hips, prominent, wide 2 Rump, level, long; pelvis roomy, wide 3 Thurls, high, wide apart. 1 Thighs, long, thin, twist roomy, open 1 Thighs, long, thin, twist roomy, open 1 Thighs, long, and those articulated; bush heavy 1 Escutcheon, high, wide 1 Cudder and milk veins—32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Feat, squarely placed, wide apart, of convenient size, uniform. Milk veins, large, long, crooked, extending well forward, branched. Milk weils, large or numerous 2   2  3  4  Milk weils, large or numerous 2	Neck, medium long, rather thin, fine at throat	2		
Withers, lean; spine high   Shoulders, fairly wide at points, light, sloping   2   Strisket, light, thin   1   1   1   1   1   1   1   1   1	C. Fore quarters—6 points:			
Shoulders, fairly wide at points, light, sloping   2   Brisket, light, thin   1   1   Legs, short, straight; bone clean, fine   1   1   1   1   1   1   1   1   1	Withers lean: spine high	2		
Brisket, light, thin	Shoulders, fairly wide at points, light, sloping	2		
Legs, short, straight; bone clean, fine   1   1   1   1   1   1   1   1   1	Brisket, light, thin	1		
D. Body=23 points:   Chest, deep; girth, — feet; corrected, — feet	Legs, short, straight: bone clean, fine			
Chest, deep; girth, — feet, corrected, — feet   5   8   8   8   1   1   1   1   1   1   1	D. Body—23 points:			
Ribs, long, broad, open, moderately well sprung	Chest, deep; girth, — feet; corrected, — feet.	5		
Chine, prominent, narrow   3   8   8   8   8   8   8   8   8   8	Ribs, long, broad, open, moderately well sprung	2		
Barrel, long, deep, capacious.   8   8   8   8   8   8   8   2   2   2	Chine prominent narrow	3		
Back, straight, open jointed; prominences clearly defined	Barrel, long, deep, capacious.	8		
Loin, broad, spare fleshed. 1 Flank, deep, thin 1 Navel, large 1 Hind, quarters—14 points: Hips, prominent, wide 2 Rump, level, long; pelvis roomy, wide 3 Thurls, high, wide apart 1 Thighs, long, thin; twist roomy, open 4 Tail, long, rather loosely articulated; bush heavy 1 Legs, straight, well apart, fine boned 1 Escutcheon, high, wide 7 V. Udder and milk veins—32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. 1 Teats, squarely placed, wide apart, of convenient size, uniform 6 Milk veins, large, long, crooked, extending well forward, branched 4 Milk wells, large or numerous 2  ""  1   1   2   3   3   3   3   3   4   4   5   6   6   6   6   6   6   6   6   6   6	Back straight open jointed: prominences clearly defined	2		
Flank, deep, thin	Loin, broad, spare fleshed.	1		
Navel, large , Hind quarters—14 points: Hips, prominent, wide Rump, level, long; pelvis roomy, wide. 3 Thurls, high, wide apart Thighs, long, thin; twis troomy, open 4 Tail, long, rather loosely articulated; bush heavy 1 Legs, straight, well apart, fine boned 1 Escutcheon, high, wide 2 ! Udder and milk veins—32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness ness 10 Teats, squarely placed, wide apart, of convenient size, uniform Milk veins, large, long, crooked, extending well forward, branched Milk wells, large or numerous 2	Flank, deep, thin	1		
Hind quarters—14 points:	Navel, large			
Hips, prominent, wide Rump, level, long; pelvis roomy, wide. 3 Thurls, high, wide apart. Thighs, long, thin; twist roomy, open. 4 Tail, long, rather loosely articulated; bush heavy. 1 Legs, straight, well apart, fine boned. 1 Escutcheon, high, wide. 2 Udder and milk veins-32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. 10 Teats, squarely placed, wide apart, of convenient size, uniform. Milk veins, large, long, crooked, extending well forward, branched. 4 Milk wells, large or numerous. 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Hind quarters—14 points:			
Ruimp, level, long; pelvis roomy, wide	Hips, prominent, wide	2		
Thurls, high, wide apart Thighs, long, thin; twist roomy, open 4 Tail, long, rather loosely articulated; bush heavy 1 Legs, straight, well apart, fine boned 1 Escutcheon, high, wide 2 Vidder and milk veins—32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness 10 Teats, squarely placed, wide apart, of convenient size, uniform Milk veins, large, long, crooked, extending well forward, branched Milk wells, large or numerous 2 Milk wells, large or numerous 2	Rump, level, long: pelvis roomy, wide	3		
Thighs, long, thin; twist roomy, open Tail, long, rather loosely articulated; bush heavy 1 Legs, straight, well apart, fine boned 1 Escutcheon, high, wide 2 Udder and milk veins—32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness. Hind udder, broad, well up chind, capacious, free from fleshiness. Hind udder, broad, well up chind, capacious, free from fleshiness. Hind udder, broad, well up chind, capacious, free from fleshiness. Hind wells, squarely placed, wide apart, of convenient size, uniform 6 Milk wells, large or numerous 2 Milk wells, large or numerous 2	Thurls, high, wide apart	1		
Tail, long, rather loosely articulated; bush heavy	Thighs, long, thin: twist roomy, open			
Legs, straight, well apart, fine boned	Tail long rather loosely articulated: bush heavy	1		
Escutcheon, high, wide.  Udder and milk veins. "32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness.  Teats, squarely placed, wide apart, of convenient size, uniform.  Milk veins, large, long, crooked, extending well forward, branched.  Milk wells, large or numerous  2  4  Milk wells, large or numerous	Legs, straight, well apart, fine boned	î		
Udder and milk veins—32 points: Fore udder, broad, well forward, capacious, free from fleshiness. Hind udder, broad, well up behind, capacious, free from fleshiness, use the property of the	Escutcheon, high, wide	2		
Fore udder, broad, well forward, capacious, free from fleshiness. 10 Hind udder, broad, well up behind, capacious, free from fleshiness. 10 Teats, squarely placed, wide apart, of convenient size, uniform. 6 Milk veins, large, long, crooked, extending well forward, branched. 4 Milk wells, large or numerous 2	'. Udder and milk veins—32 points:			
Hind udder, broad, well up behind, capacious, free from fleshiness	Fore udder, broad, well forward, capacious, free from fleshiness	10		
ness. 10 Teats, squarely placed, wide apart, of convenient size, uniform. 6 Milk veins, large, long, crooked, extending well forward, branched. 4 Milk wells, large or numerous 2	Hind udder, broad, well up behind, capacious, free from fleshi-			
Teats, squarely placed, wide apart, of convenient size, uniform.  Milk veins, large, long, crooked, extending well forward, branched.  Milk wells, large or numerous  4  Milk wells, large or numerous		10		
Milk veins, large, long, crooked, extending well forward, branched. 4 Milk wells, large or numerous 2				
branched 4 Milk wells, large or numerous 2	Milk veins large long crooked extending well forward			
Milk wells, large or numerous		4		
Total 100	c.ac, Or it uniterous			
	Total	100		

# Michigan State Agricultural College.

Scale of points.	Per- fect.	Student's estimate.	Corrected.
General appearance: Age, estimated, —; corrected, — Weight, estimated, — pounds; corrected, pounds Form, wedge-shaped, viewed from front, side, and above. Quality, hair fine; skin soft, medium thickness; bone clean. Temperament, nervous	9 7 4		
Head: Muzzle, clean cut; mouth large; nostrils large; face lean, long, dishing. Eyes, full, mild, bright. Forehead, broad Ears, size medium; texture fine. Horn, small at base	1 1 1 1		
	6		
Fore quarters: Neck, thin; length medium. Withers, lean, sharp. Shoulders, light, oblique. Legs, short, straight, clean boned.	2 2 1		
Body:			
Body a sharp.  Chest, deep through lungs; girth large, — feet.  Ribs well sprung, broad, far apart.  Chine, large, prominent, open  Back, high, lean  Loin, broad  Flank, deep, thin  Navel, large.	3 7 1 1 2 1 2		
	26		
Hind quarters:  Hips, wide apart Rump, long, high Pin bones (or thurls), high, wide apart Thigh, thin, incurving. Tail, fine, reaching hock Escutcheon, spreading, high Udder, long, nor fleshy, attached high; quarters even Teatis, large, evenly placed. Milk wells, large, tortuous, branching Milk wells, large, locations and large large large large. Legs, short, clean boned, far apart.	2 2 1 4 1 1 17 5 4		
Total	100		•••••

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# College of Agriculture and the Mechanic Arts of the University of Missouri.

Age, estimated,; corrected,	Scale of points.	Per- fect,	Student's estimate.	Corrected.
Head:   Muzzle, clean cut; mouth large; nostrils wide, open.	Quality, hair fine; skin soft, of medium thickness; bone fine, clean.	5		
Head:				
Fore quarters:  Neck, thin; length medium; throat clean; dewlap small	Face, lean, long, slightly dished; expression contented Eyes, full, mild, bright, clear Forehead, broad, full, high,	1 1 1		
For quarters:  Neck, thin; length medium; throat clean; dewlap small  Withers, lean, sharp.  Shoulders, oblique, lean  Legs, straight, short, clean boned; cannon fine.  12  Body:  Girth, large, estimated, —; corrected, —  Girth, large, estimated, ara apart.  Back, high, lean  Vertebra, large, spaces wide, open  Loin, broad, strong  Abdomen, large, deep, showing great capacity  Flank, deep, velvety, thin  Navel, large  Navel, large  Hips, wide apart, level with back.  Hips, wide apart, level with back.  Hips, wide apart, level with back.  Flank, deep, velvety, thin  Carrent Brone, bigh, wide: pelvis arching  Flank, deep, velvely, thin  Thore under, extending well forward, full, not fleshy; quarters even  even  even  Teats, uniform, good size, well placed  Milk veins, large, elastic, tortuous, branching  Teats, uniform, good size, well placed  Milk veins, large, elastic, tortuous, branching  Milk wells, large  Legs, clean boned, wide apart, straight; cannon-fine  1				
Body:   Girth, large, estimated, —; corrected, —	Withers, lean, sharp. Shoulders, oblique, lean Chest, deep, wide.	3 3 2 3 1		
Girth, large, estimated,				
Hind quarters: Hips, wide apart, level with back.  Rump, long, high, wide: pelvis arching 3 Pin bones, high, wide apart. Phigh, thin, incurving, well muscled. Fore udder, extending well forward, full, not fleshy; quarters even. Hind udder, attached high behind, full, not fleshy; quarters even. General with the statement of the	Back, high, lean Vertebra, large; spaces wide, open Loin, broad, strong Abdomen, large, deep, showing great capacity Flank, deep, velvety, thin	2 2 4 8 2		
Hind quarters:  Hips, wide apart, level with back.  Rump, long, high, wide: pelvis arching.  Pin bones, high, wide apart.  2 Thigh, thin, incurving, well muscled.  Fore udder, extending well forward, full, not fleshy; quarters  even.  Hind udder, attached high behind, full, not fleshy; quarters  even.  Teats, uniform, good size, well placed.  Milk veins, large, elastic, tortuous, branching.  3 Milk wells, large.  4 Legs, clean boned, wide apart, straight; cannon-fine.  36				
even. Hind udder, attached high behind, full, not fleshy: quarters even. 6 Teats, uniform, good size, well placed. 4 Milk veins, large, elastic, tortuous, branching. 3 Milk wells, large. 4 Legs, clean boned, wide apart, straight; cannon fine. 1  36	Rump, long, high, wide; pelvis arching	3 3 2 4		
even	· even	6		
· · · · · · · · · · · · · · · · · · ·	even Teats, uniform, good size, well placed Milk veins, large, elastic, tortuous, branching	3 4		
Total		36		
	Total	100		

## New Hampshire College of Agriculture and the Mechanic Arts.

		Points à	eficient.
Scale of points.	Possible score.	Student's estimate.	Corrected.
A. General appearance:			
Weight, 800 to 1,200 pounds; estimated, — pounds; actual,			
_ pounds.			
Form, wedge-shaped as viewed from front, side, and top	6		
Quality, hair fine, soft; skin mellow, loose, medium thickness;			
secretion yellow; bones clean	ь		
telligent, submissive, yet nervous			1
B. Head:	0		
Muzzle, clean cut; face lean, long; mouth and nostrils large	1		1
Free full mild expressive intelligent	2		
Eyes, full, mild, expressive, intelligent.  Forehead, broad, not too wide between the base of horns	1 1		
Ears, size, medium; inside yellow; texture fine	1		
Fore quarters:			
Neck, thin; length good; throat clean; dewlap light	2		
Withers lean sharp	1 1		
Shoulders, light, oblique	1		
Legs, straight, short; shank fine	1		
), Body:			
Chest, wide through lungs; girth large, — inches	5		
Ribs, broad, long, wide apart	2		
Stomach, deep; girth large, — inches	8		
Back, lean, strong, open jointed, well defined	2		
Loin, broad, long; point of hips prominent Flank, low, long from hips down	4		
Flank, low, long from hips down	3		
E. Hind quarters:			
Hips, wide apart, — inches.	4		
Rump, broad, long, tapering Thighs, thin, long, wide apart	3		
Tail, slim, fine, reaching bock; switch fine	1		
Legs, straight, short, wide apart; shank fine	1 1		
Legs, straight, short, wide apart, shank inter	1		
Front udder, carried well forward, full but not fleshy; quar-			
ters even	19		
Hind udder, carried well back, attached high, good width, full	1		
but not fleshy quarters even	10		
Teats, good, uniform in size, properly placed. Milk veins, large, long, extending well forward, crooked in	4		
Milk veins, large, long, extending well forward, crooked in	_		
their course	6		
Milk wells, large			
Escutcheon, high, wide, spreading over thighs; thigh ovals	1		
large	1		
Total	100	l	1

## New Mexico College of Agriculture and Mechanic Arts.

Scale of points.	Perfect score.
A. General appearance:  1. Weight, 800 to 1,000 pounds, estimated, — pounds; actual, — pounds.  2. Form, wedge-shaped as viewed from front, side, and top.	6
3. Quality, hair fine, soft; skin mellow, loose, medium thickness secretion yellow; bone clean	6
4. Temperament, nervous, indicated by lean appearance	6
5. Muzzle, clean cut: mouth large: nostrils large	1
6. Eyes, large, bright, full, mild	1
7. Face, lean, long; expression quiet.	1
9. Ears, size medium; inside yellow; texture fine	1
10. Horns, fine; texture waxy.  11. Neck, fine; length medium; throat clean; dewlap light.	1
C. Fore quarters:	
12. Withers, lean, thin 13. Shoulders, light, oblique	1
13. Shoulders, light, oblique	2
14. Legs, straight, short; shank fine	2
D. Body:	
15. Chest, deep, low; girth large with full fore flank	10
17. Back, lean, straight, open jointed, well defined	10
18. Loin, broad.	2
19. Naval, large	2
E. Hind quarters:	2
20. Hips, far apart, level	2
21. Rump, long, broad	2 2
22. Pin bones (or thurls), high, wide apart	1
23. Tail, long, slim; hair in switch fine	1
24. Thighs, thin, long, wide apart	4
25. Escutcheon, spreading over thighs, extending high and wide; thigh ovals large	2
26. Udder, long, broad, flexible; quarters even, free from fleshiness; front udder carried well back, attached high, full	20
27. Teats, large, evenly placed.	5
28. Milk veins, large, long, tortuous	3
29, Milk wells, large	2
30. Legs, straight; shank fine	2
Total	100
1040	100

### Cornell University.

·	Perfect		leficient.
Scale of points.	score.	Student's estimate.	Corrected.
C1			
General appearance:			
Weight, estimated, — pounds; actual, — pounds.  Form, wedge-shaped as viewed from front, side, and top	5		
Quality, hair fine, soft; skin mellow, loose, medium thickness			1
secretion yellow; bone clean.	8		
Constitution, vigorous, not inclined to beefiness	. 8		
Head and neck:		1	
Muzzle, clean cut; mouth large; nostrils large			
Eyes, large, bright	1		
Face, lean, long; expression quiet	1 1		
Forehead, broad, slightly dished	. 1		
Ears, size medium; inside yellow; texture fine	1 2		
Neck, fine; length medium; throat clean; dewlap light Fore and hind quarters:	2		
Withers lean thin	. 1		
Shoulders, light, oblique Hips, far apart; level between hooks	2		
Hips, far apart: level between hooks	1 2		
Rump long wide	9.		
Pin bones (or thurls), high, wide apart Thighs, thin, long.	ı î		
Thighs, thin, long	2		
Legs, straight, short; shank fine	ĩ		
Tail, long, slim; switch fine	î		
Body.	i		
Chest, deep, low; girth large. Ribs, broad, well sprung, long, wide apart; stomach large. Back, lean, straight; chine open.	8		1
Ribs broad well sprung long wide apart: stomach large	5		
Back lean straight: chine onen	3		
Loin, broad. level	9		
Flank, moderately low.	l î		
Navel, large	1 1		
Milk secreting organs:	1		
Udder, long, attached high and full behind, extending far in	1		
front and full; quarters even	15		
Udder, capacious, flexible; skin loose, pliable, covered with	10		
chart fine heir	12		
short, fine hair Teats, large, evenly placed	10		
Milk veins, large, tortuous; milk wells large	1 6		
Escutcheon, spreading over thighs, extending high and wide:			
thigh ovals large			
unga ovalo large	1 2		
Total	100		

## North Dakota Agricultural College.

	D	Points d	eficient.
Scale of points.	Perfect score.	Student's score.	Corrected.
General appearance:			
Weight, estimated. — pounds; actual. — pounds			
Form, wedge-shaped, as viewed from front, side, and top; weight 800 to 1,000 pounds	8		
Quality hair fine soft: skin mellow loose medium thickness.			
secretion yellow; bone clean	8		
Temperament, nervous, indicated by lean appearance	5		
Muzzle, clean cut; mouth large; nostrils large	1		
Eves large bright	1		
Face, lean, long; expression quiet	1 2		
Ears, size medium; inside yellow; texture fine			
Neck, fine; length medium; throat clean; dewlap light	2		
Fore quarters:			
Withers, lean, thin Shoulders, light, oblique			
Legs, straight, short; shank fine			
Body:			
Chest, deep, low; girth large. Ribs, broad, long, wide apart; stomach large.	8 10		
Back, lean, straight, open jointed			
Loins, broad	3		
Naval, large	2		
Hind quarters: Hips, far apart	2		
Rump, long, wide	2		
Pin bones (or thurls), high, wide apart	1		
Tail, long, slim; switch fine	1		
Thighs, thin, long. Escutcheon, spreading over thighs, extending high and wide;			
thigh ovals large	2		
Udder, long, attached high and full behind, extending far in front and full; quarters even, free from fleshiness	16		
Tests large evenly placed	10		
Teats, large, evenly placed Milk veins, large, tortuous; milk wells large	6		
Legs, straight, far apart; shank fine	3		
Total	100		
* - ****	100		

### North Carolina College of Agriculture and the Mechanic Arts.

Same as the New Hampshire card (see p. 67) for dairy cattle.

#### The College of Agriculture and Domestic Science, Ohio State University.

	-		Sec	ore.		_
	]	Male		F	emal	le.
Scale of points.	Standard.	Student's.	Corrected.	Standard.	Student's.	Corrected.
A. General appearance:  Weight, estimated, — pounds; actual, — pounds.  Form, wedge shape from front, side, and top.  Form, shapely, masculine, medium long.  Quality, hair fine, silky; skin mellow, loose, medium thick, yellow, not fleshy; bone fine  Head and neck:	1 10 10			1 7  8		
Muzzle, broad: nostrils large Eyes, of good size, mild, bright. Face, lean, fine, shapely. Forehead, broad Ears, not coarse; size medium; inside yellow. Neck, fine, rather long, well set on shoulders and head; topline slightly curved; throat clean; dewlap light. Neck, neatly joined to head and shoulders, of good length, masculine and strong of bearing; nearly free of dewlap.	$\frac{1}{2}$			1 1 2 1		
C. Fore quarters:  Weight, — pounds.  Withers, lean, thin  Withers, well rounded, even on top  Shoulders, light, oblique.  Lees, straight, short; shank fine: feet well placed.				··i		
D. Body: Chest, deep, low, full; girth large, — inches. Crops, not deeply depressed Ribs, long, broad, well sprung, wide apart. Back, lean, strong, well defined. Stomach, deep; girth large, — inches. Loin, broad, long, level; last rib to hip, — inches Flanks, low, deep from hip down.	5 3 3			5 2 3		
E. Hind quarters:  Weight, — pounds  Hips, wide apart females; not too wide bulls.  Rumps, broad, level; long, — inches  Pin bones (or thurls), high, wide apart.  Thighs, thin, roomy, long, well carried.  Legs, straight, short, wide apart; shank fine  Tail, long, fine, reaching hocks; switch good.	3 1 3 2			3 1 3		
F. Udder or rudimentaries: Front udder, carried well forward, full, thick, soft, mellow within; quarters even. Hind udder, full in form, well up behind, good width, mellow, even. Milk veins, large, long, elastic, tortuous. Milk wells, large. Teats, 2½ to 3 inches long, good size, well placed. Rudimentaries, four; large, well placed. Total.	5			10 6 2 4		

Note.—A defective teat or udder disqualifies. Matured males should weigh from 1,000 to 2,000 pounds; females, 750 to 1,400 pounds.

## Oklahoma Agricultural and Mechanical College.

Scale of points.	Possible score.	Nø	Name of animals.		
General appearance—20 points:					
Weight, estimated, — pounds; actual, — pounds					
Form, wedge shape, as viewed from front and top; top line	_				
straight; great depth of barrel	5				
Quality, hair fine, soft; skin mellow, loose, medium thick-					
ness, secretion yellow; bone clean	8				
ment inclined to nervousness, but not irritable or vicious	7				
Head and neck—8 points:					
Muzzle, broad, clearly defined; mouth and nostrils large	1				
Eves large prominent clear placid	î				
Eyes, large, prominent, clear, placid	î		İ		
Forehead, broad, full	2				
Forehead, broad, full  Ears, texture fine; size medium; inside yellow	1				
Neck, fine; length medium; throat clean; dewlap light	2				
Fore quarters—4 points:					
Withers, lean, sharp					
Shoulder, light, oblique					
Legs, straight, short; shank fine	1				
Body—26 points:	10				1
Chest, deep, low; girth large; fore flank full.	10				
Barrel, ribs broad, long, wide apart; stomach large Back, lean, straight, opened jointed	10				
Loin, broad	2				
Navel, large					
Hind quarters-42 points:	_				
Hips, far apart					
Rump, long, wide	3				
Pin bones (or thurls), wide apart	1				
Tail, long, slim; switch fine	1				
Thighs, thin, long, wide apart	4				
Escutcheon, spreading over thighs, extending high and wide;					
thigh ovals large	1				
Legs, straight; shank fine	3				
front and full: quarters even, free from fleshiness	10				
Teats, large, evenly placed, cylindrical	18				
Mammary veins, large, tortuous, branching; milk wells large.	4				
Mammary Tome, large, tortadus, branching, milk wens large.	4				
Total	100				
	100				

## Oregon State Agricultural College.

Scale of points.	Possible score.	Student's estimate.	Corrected.
A. General appearance:			
Weight, 800 to 1,200 pounds; estimated, — pounds; actual, —			
pounds			
Form, wedge shape, as viewed from front and top. Quality, hair fine, soft; skin mellow, loose, medium thickness;			
guanty, nan mie, sort, skin menow, roose, medium thickness,	8		
secretion yellow; bone clean	5		
B. Head and neck:	9		
Muzzle, clean cut; mouth large; nostrils large	1		
Eyes, full, mild, bright.	1		
Face, lean, long; expression quiet	î		
Forehead, moderately broad, full	2		
Ears, size medium; inside yellow; texture fine	ĩ		
Neck, fine; length medium; throat clean; dewlap light	2		
C. Fore quarters:	_		
Withers, lean, thin,	1		
Shoulders, light, oblique	2		
Legs, straight, short; shank fine	3		
D. Body:			
Chest, deep, low; girth large Ribs, broad, long, wide apart; stomach large	. 8		
Ribs, broad, long, wide apart; stomach large	10		
Back, lean, straight, open jointed	3		
Loin, broad	3		
Flank, low	1		
Navel, large	2		
E. Hind quarters:			
Hips, far apart, level between hooks: Rump, long, wide. Pin bones (or thuris), high, wide apart	2		
Rump, long, wide	2		
Pin bones (or thurls), high, wide apart	1		
Tail, long, slim; switch fine	1 2		
Thighs, thin, long. Escutcheon, spreading over thighs, extending high and wide;	2		
Escutcheon, spreading over thighs, extending high and wide;	2		
thigh ovals large	2		
Udder, long, attached high and full behind, extending far in front and full; quarters even, free from fleshiness	15		
Tront and run; quarters even, free from neshiness	4		
Teats, large, evenly placed. Mammary veins, large, tortuous	1 9		
Milk wolls large, tortuous	3		
Milk wells, large Legs, straight, far apart; shank fine	3		
negs, smarghe, far apare, smark fille			
Total	100		

### The Pennsylvania State College.

General appearance:  Age, estimated, —; corrected, Weight, estimated, — pounds; corrected, — pounds Form, wedge-shaped viewed from front, side, and above. Quality, hair fine; skin soft, of medium thickness; bone fin clean. Temperament, sanguine, nervous.  Head: Muzzle, clean cut; mouth large; nostrils wide, open. Face, lean, long, slightly dished; expression contented.	8 e, 6 6 20 11 1	1
elean Temperament, sanguine, nervous.  Head: Muzzle, clean cut; mouth large; nostrils wide, open. Face, lean, long, slightly dished; expression contented.	20	 
Muzzle, clean cut; mouth large; nostrils wide, open	1	
Muzzle, clean cut; mouth large; nostrils wide, open	1	
Eyes, full, mild, bright, clear Forehead, broad, high Ears, size medium; inside yellow; texture fine	1	 
Ears, size medium; inside yenow; texture line	1	 
	5	
Fore quarter: Neck, thin; length medium; throat clean; dewlap small Withers, lean, sharp. Shoulders, oblique, lean. Chest, deep, wide. Legs, straight, short, clean boned; cannon fine.	2 1 3	
•	9	
Body: Girth, large, estimated, — feet; corrected, — feet. Ribs, well sprung, long, broad, far apart Back, high, lean	4 2	 
Vertebra, large; spaces wide, open Loin, broad, strong Abdomen, large, deep, showing great capacity	4 8	 
Flank, deep, velvety, thin Navel, large.	1	
	26	
Hind quarter:		
Hips, wide apart, level with back. Rump, long, high, wide; pelvis arching Pin bones, high, wide apart. Thigh, thin, incurving, well museled Fore udder, extending well forward, full, not fleshy; quarte	2	
Fore udder, extending well forward, full, not fleshy; quarte even Hind udder, attached high behind, full, not fleshy; quarte	8	
even	8	
Teats, uniform, good size, well placed  Milk veins, large, elastic, tortuous, branching	3	
Milk wells, large . Legs, clean boned, wide apart, straight; cannon fine		
nego, clean doned, wide apart, straight; cannon fine		
	40	 
Total	100	

### South Dakota Agricultural College.

Same as the Iowa card (see p. 61) for dairy cattle.

## State Agricultural and Mechanical College of the University of Tennessee.

"Scale of points.	Possible score.	Student's score.
A. General appearance:		
1. Weight, 800 to 1,000 pounds; estimated, — pounds; actual, — pounds. 2. Form, wedge-shaped as viewed from front, top, side, back, and rear. 3. Quality, hair, fine, soft; skin of medium thickness, mellow, elastic; secre-	6	
tion vellow: bone, fine, clean	6	
4. Temperament, sanguine 5. Constitution, vigorous, robust, showing size and substance	4	
5. Constitution, vigorous, robust, showing size and substance	5	
6. Muzzle, clean cut: mouth large: nostrils large	1	
7. Eyes, full, clear, placid.	1 1	
7. Eyes, full, clear, placid. 8. Face, lean and long: expression quiet	1	
10. Ears, texture fine; size medium 11. Neck, fine; length of neck medium; throat clean; dewlap light	1 2	
C. Fore quarters:		
12. Withers, lean, thin	1	
13. Shoulders, light, slanting 14. Legs, straight, short; shank fine	2	
D. Body:	3	
15. Chest deep low: girth large	8	
15. Chest, deep, low; girth large. 16. Ribs, broad, long, wide apart; stomach large. 17. Back, lean, straight; vertebræ spaced. 18. Loin, broad, muscular	10	
17. Back, lean straight; vertebræ spaced	3	
18. Loin, broad, muscular	3	
19. Flank, thin, arching 20. Navel, large, well-defined	2	
E. Hind quarters:		
21 Hins wide: space between books level	2	
22. Rump, long, wide	2	
22. Rump, long, wide. 23. Pin bones, high, wide apart. 24. Tail, long, fine; switch fine	1	
24. Tan, long, line; switch line 25. Thighs, long, thin	2	
26. Escutcheon, spreading over thighs, extending far upward	2	
27. Udder, long, capacious, but not pendulous, extending well up behind		
and far forward; quarters, even, free from fleshiness	15	
28. Teats, large, evenly placed	4	
29. Milk veins, large, long, tortuous. 30. Milk wells, large.	3	
31. Legs, straight, set well apart: shank fine	3	
Total		
10001	100	

## State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
I. Primary considerations:		
1. Weight,—— pounds		
2. Size and substance, for age	3	
3. Style, attractive, sprightly; breeding apparent	4	
4. Appearance, wedge-shaped, angular 5. Quality, skin thin, loose, elastic, mellow; flesh firm; hairsoft, fine, silky	4	
<ol><li>Quality, skin thin, loose, elastic, mellow; flesh firm; hairsoft, fine, silky</li></ol>	5	
II. Nervous energy:		
6. Temperament, active, controlled	5	
<ol><li>Eyes, large, clear, bright, mild, placid, free from white</li></ol>	6	
8. Forehead, broad, high; face dished	3	
9. Ears, broad, thin, active	2	
10. Spinal column, long, prominent, open	4	
11. Milk veins, branching, long, tortuous	4	
12. Navel, large, defined.	2	
III. Structural anatomy:		
13. Contour, clean-cut, smooth, correlated, symmetrical, free from patchi-		
ness and offal		
<ol> <li>Head, medium in size; muzzle refined; mouth large; face lean, long</li> </ol>	1	
15. Neck, fine; length medium; flat on side; throat clean; dewlap light	1	
16. Withers, narrow on top, spreading; shoulder light, slanting	1	
17. Back, straight, strong, well muscled	2	
18. Loin, broad, strong	3	
<ol><li>Pelvic arch, prominent, bare; pin bones high, wide</li></ol>	2	
20. Flank, high: twist open: thigh thin, incurved	1	
21. Bones, medium: joints fine, flat; horns small, waxv; tail long, slim	2	
IV. Digestion and assimilation:		
22. Nostrils, medium-sized, clear, bright	1	
23. Breast and brisket, prominent, angular	1	
24. Chest, wide, deep, long; girth large		
25. Barrel, medium long, broad on top, deep, capacious	9	
26. Ribs, flat, spaced, well sprung; chine open	3	
V. Milk indications:		
27. False ribs, suppressed; barrel depression marked	3	
28. Udder, long, capacious, balanced, free from fleshiness, strongly attached.		
collapsed when empty; teats evenly placed	8	
29. Escutcheon, spreading over thighs, extending well upward		
30. Milk veins, large, tortuous, long, branched; milk wells large	6	
* 31. Skin of ear and udder yellow; secretions yellow	1	
		-
Total	100	

## Agricultural and Mechanical College of Texas.

Scale of points.	Possible score.	Student's score.	Corrected.
A. General appearance: Weight, 800 to 1,000 pounds, estimated, — pounds Form, wedge-shaped as viewed from front, top, and back			
Quality, hair fine, soft; skin of medium thickness, mellow,			i
elastic; secretion yellow; bone fine, clean	8		
B. Head and neck:			
Muzzle, clean cut; mouth large; nostrils large.  Eyes, full, mild, bright.	1		
Face, lean, long: expression quiet Forehead, broad, high, full	i		
Forehead, broad, high, full Ears, texture fine; size medium Neck, fine; length of neck medium; throat clean; dewlap light.	1 2		
Neck, fine; length of neck medium; throat clean; dewlap light. C. Fore quarters:	2		
Withers lean thin	1		
Shoulders, light, slanting Legs, straight, short; shank fine	2 3		
D Body:			
Chest, deep, low; girth large. Ribs, broad, long, wide apart; stomach large. Back, lean, straight, open jointed. Loin, broad.	10		
Back, lean, straight, open jointed	3		
Flank, low	1		
Navel, large. E. Hind quarters:	2		
Hips, far apart; space between hooks level Rump, long, wide	2 2		
Pin bones, high, wide apart	1		
Tail, long, fine; switch fine	1 2		
Escutcheon, spreading over thighs, extending far upwards Udder, long, capacious, but not pendulous, extending well up	2		
behind and far forward; quarters even, free from fleshiness			
Teats, large, evenly placed	4 3		
Milk veins, large, long, tortuous Milk wells, large Legs, straight, set well apart: shapk fine.	3		
Total	100	· · · · · · · · · · · · · · · · · · ·	

### Agricultural College of Utah.

	Score.					
		Male		F	ema	le.
Scale of points.	Standard.	Student's.	Corrected.	Standard.	Student's.	Corrected.
General appearence:						
Age, estimated, —; corrected, — Weight, estimated, — pounds; actual, — pounds Form, wedge shaped as viewed from front, side, and top.				1		
Weight, estimated, — pounds; actual, — pounds				8		
Form, sharely musculing medium height				8		
Form, shapely, musculine, medium height Quality, hair fine, silky; skin mellow, loose, medium thickness; secretions yellow; bone clean; horns small at base Temperament, nervous, indicated by lean appearance	0					
tions yellow: bone clean; horns small at base	7			7		
Temperament, nervous, indicated by lean appearance	4			4		
Head and neck:						
Muzzle, clean cut; mouth large, broad; nostrils large	1			1		
Eyes, large, bright, full, placid	2			2		
Face, lean, long; expression quiet	1			1		
Forehead, full above, broad, slightly dished between the eyes; not too wide between the horns	0			1		-
Ears, well set; size medium; inside yellow; texture fine	1					
Neck, fine, but joining strong at head, rather long; throat clean; dew-						
lap light				2		
Neck, neatly joined to head and shoulders, of good length; masculine				_		
and strong of bearing; nearly free of dewlap	3					
Fore quarters:						
Withers, lean, thin				1		
Withers, well rounded, even on top						
Shoulders, lean, strong, oblique Legs, straight, short; shanks fine; hoofs broad, sloping	1					
Body:	1			1		
Chest, deep, low, full: girth large: brisket light, thin. Ribs, broad, long, well sprung, wide apart. Stomach (or belly), large, deep, roomy.	8			8		
Ribs, broad, long, well sprung, wide apart	3					
Stomach (or belly), large, deep, roomy.	8					
Back, fairly level, not too straight, standing out well; spine large, lean,						
open-jointed				2		
Loin, broad, lean	5					
Flank, moderately low, thin	2					
Navel, large, prominent	3			1		
Hind quarters: Hip, wide apart, arched between	2			2		
Rump, long, wide, arched, not fleshy						
Pin bones (or thurls), high, wide apart.	1					
Thighs, long, thin, incurved, giving room for udder	4			2		
Legs, straight, short, wide apart; shanks fine	2			2		
Tail, long, slim, reaching to hocks; switch fine	1			1		
Udder and rudimentaries (milk-secreting organs):						
Udder, long, attached high and full behind, extending far in front and						
full; quarters even				12		
Udder, capacious, flexible; skin loose, pliable, covered with short,				7		
fine hair; some substance in structure, but not fleshy  Teats, size and length, medium; evenly placed, wide apart				5		
Rudimentaries four: large well placed	10					
Rudimentaries, four; large, well placed.  Milk veins, large, long, tortuous; entering large orifices, which are well	20					
forward	5			6		
forward. Escutcheon, spreading over thighs; extending high and wide; thigh			1			
ovals large	5			3		
Total			-			-
	100			101		

### Virginia Agricultural and Mechanical College and Polytechnic Institute.

Same as the Iowa card (see p. 61) for dairy cattle

## Washington Agricultural College and School of Science.

Scale of points.	Perfect.	Student's score.	Corrected score.
General appearance—21:			
Weight, estimated, — pounds; actual, — pounds Age, estimated, — actual, Form, wedge shaped, as viewed from front, side, and above Quality, hair fine; skin soft, medium thickness; bone clean			
Age, estimated, ——; actual, ——			
Form, wedge shaped, as viewed from front, side, and above	10		
Quality, hair fine; skin soft, medium thickness; bone clean	5		
Temperament, nervous	6		
Head—7:			
Muzzle, clean cut; mouth large; nostrils large	1		
Face, lean, long, dishing. Eyes, full, mild, bright.	2		
Eyes, full, mild, bright	1		
Forehead, broad; horns small at base	2		
Ears, size medium; inside yellow; texture fine	1		
Fore quarters—9:			
Neck, thin; length medium. Withers, sharp, lean.	2		
Withers, sharp, lean	3		
Shoulders, light, oblique. Legs, short, straight, fine shanked	1		
Legs, short, straight, fine shanked	2		
Brisket, thin, sharp	1		
Body-25:			
Chest, deep; girth at heart large ( —— feet, —— inches)	7		
Ribs, broad, long, far apart	3		
Belly, large, roomy	- 7		
Back, lean, straight, open-jointed	3		
Loin, broad	2		
Flank, deep	2		
Navel, large	1		
Hind quarters—88:			
Hips, far apart, level between them			
Rump, long, high	2		
Pin bones, high, wide apart. Tail, long, reaching hocks; switch finely developed	1		
Tail, long, reaching hocks; switch finely developed	1		
Thighs, thin, incurving	2		
Escutcheon, wide, extending far up	1		
Udder, extending far up behind and far in front; quarters even,			
free from fleshiness	16		
Escutcheon, wide, extending far up Udder, extending far up behind and far in front; quarters even, free from fleshiness. Teats, well shaped, neither too large nor too small; evenly placed.	5		
Milk veins, large, tortuous	3		
Milk wells, large	2		
Legs, straight, far apart; shank fine	2		
Total	100		

## Washington Agricultural College and School of Science.

Scale of points.	Perfect.	Student's score.
I. Digestive apparatus:  1. Abdomen, deep, wide, giving triangular form, as seen from side and top view; ribs well arched (not dropping too soon after leaving backbone).  2. Muzzle and jaw, large, showing eating capacity	20 5	
II. Temperament:  1. Thighs, thin, incurving. 2. Hips, wide, prominent, but strong. 3. Backbone, well developed, not too deeply covered with flesh 4. Legs, short, small, thin skinned. 5. Shouldders, light, with sharp rather than round withers. 6. Brisket, V-shaped rather than U-shaped 7. Neck, not fleshy. 8. Skull, wide in region of brain, showing large brain	4 4 2 2 3	
III. Constitution:  1. Chest, deep, wide; fore legs not close together; nostrils wide, flaring;  2. Pelvic bones, large; rump prominent, clear to base of tail; tail long; switch well developed.  3. Eyes, bright; skin soft, pliant; hair smooth, glossy; all indicating health and vigor	8 7 5	
IV. Milk organs:  1. Udder, large, lower outline a semicircle when distended; attachment to body long, extending far up behind and far out in front; plenty of glandular tissue within, but showing loose folds behind when empty; quarters  2. Teats, good size, well shaped, easy to milk, not too close together.  3. Milk veins, large, tortuous; veins on udder prominent [escutcheon wide, regular, extending far up(?)]  4. Hips and loins, wide; legs far apart, giving room for large udder.	12 5 8 5	
Total.  V. Training:  1. Flow, constant, regular till near calving, having been milked, fed regularly, and never allowed to nurse calf more than a few days.  2. No vicious habits such as kicking, hooking, jumping, etc.	30 100 50 50	
Total	100	

## College of Agriculture of the University of Wisconsin.

		Points d	leficient.
Scale of points.	Possible score.	Student's score.	Corrected.
General appearance—17 points:			
Weight, estimated, — pounds. Form, wedge shaped as viewed from front, side, and top			
Form, wedge shaped as viewed from front, side, and top	5		
Quality, hair fine, soft; skin mellow, loose, medium thickness;			
secretion vellow: hone clean fine	4		
Temperament, nervous, indicated by marked refinement in	i		
head, neck, and fore quarters; backbone prominent, well	1		
defined	8		
Head and neck—13 points:			
Muzzle, clean cut; mouth large; nostrils wide	2		
Eves large bright full	2		
Face, refined, long; expression quiet	2		
Forehead broad slightly dishing	2		
Ears, size medium; inside yellow; texture fine Neck, fine, thin; length medium; throat clean; dewlap light	1		
Neck, fine, thin; length medium; throat clean; dewlap light	4		
Fore quarters—7 points:			
Shoulders, light, sloping, backbone rising well between the			
blades	4		
Breast, pointed; brisket light. Legs, straight, short; shank fine.	2		
Legs, straight, short; shank fine	1		
Body—20 points:			
Chest, deep; foreflank full	5		
Barrel, large; ribs broad, deep, wide apart	9		
Back, straight, strong; prominences clearly defined	3		
Loin, broad; coupling roomy	3		
Hind quarters—15 points:	Į		!
Hips, far apart, prominent, level with the back	2		
Rump, long, wide; pelvis roomy Tail, well set, long, tapering; switch heavy	5		
Tail, well set, long, tapering; switch heavy	1		
Thighs, thin, long, wide apart; twist very open	5		
Legs, straight, far apart; shank fine Escutcheon, spreading over thighs, extending high and wide;	1		
Escutcheon, spreading over thighs, extending high and wide;		1	
thigh ovals large	1		
Milk organs—28 points:	l		
Udder, symmetrical, broad, extending well forward and well	1		
up between thighs, free from fleshiness, well held up; quar-			
ters even in size	18		
Teats, good size, evenly placed Milk veins, large, tortuous, branching; milk wells large, numer-	4		
Milk veins, large, tortuous, branching; milk wells large, numer-	l .	1	
ous	6		
m + 1			
Total	100		

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#### HOGS.

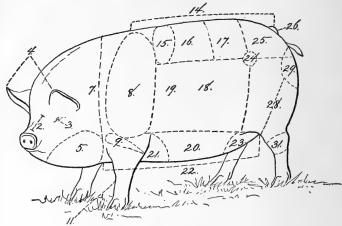
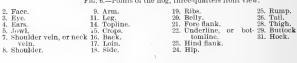


Fig. 6.—Points of the hog, three-quarters front view.



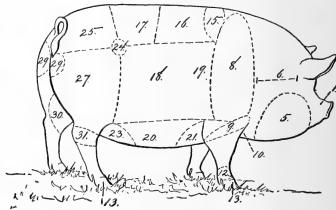


Fig. 7.-Points of the hog, side view.

1. Snout.	<ol><li>Pastern.</li></ol>	<ol><li>Ribs.</li></ol>	27. Ham, or gammon.
5. Jowl.	<ol><li>Feet.</li></ol>	20. Belly.	<ol><li>Buttocks.</li></ol>
6. Neck.	15. Crops.	21. Fore flank.	<ol><li>Twist, or crotch.</li></ol>
8. Shoulder.	<ol><li>Back.</li></ol>	23. Hind flank.	31. Hock.
9. Arm.	17. Loin.	24. Hip.	
<ol><li>Breast, or brisket.</li></ol>	18. Side.	25. Rump.	

## Alabama Polytechnic Institute.

Scale of points.	Possible score.	Student's score.	Judge's score.
General appearance: Weight score according to age	6		
Weight, score according to age			
squarely on legsQuality, hair silky; skin fine; bone fine; flesh smooth, mellow,	8		
free from lumps or wrinkles Condition, deep, even covering of flesh, especially in region of	8		l
valuable cuts	8		
Objections, scurfy, coarse or wrinkly skin; hair coarse, bristly;			
bone coarse; unequal development of parts. Head and neck:			
Snout, length medium; not coarse	1		
Eyes, full, mild, bright, well set Face, short, cheeks full	1		
Ears, fine; size medium; soft	1		
Jowl strong neat broad	i		
Neck, thick: length medium	ī		
Objections, face, long, narrow, straight; narrow between eyes;			
jowl flabby, pendant; neck tucked up. Fore quarters:			
Shoulder, broad, deep, full, compact on top, same width as			
back and hind quarters	6		
Breast, moderately wide, full. Legs, straight, strong, short; bone clean; pasterns upright;	2		
Legs, straight, strong, short; bone clean; pasterns upright;			
feet medium size	2		
Objections, weak knees and pasterns; legs close together, crooked; shoulders narrow, shallow.			
Body:			1
Chest, deep, broad; girth full			
Sides, deep, long, full; ribs close, well sprung	6		
Back, broad, straight, uniform width, thickly and evenly fleshed.	11		
Loin, wide, thick, straight. Belly, straight, even; flank well let down	10		
Objections, depression behind shoulders; girth small; loin	4		
narrow; back drooping; belly narrow.			
Hind quarters:			
Hips, wide apart, smooth Rump, long, wide, evenly fleshed, straight	2		
Ham, heavily fleshed, plump, full, deep, wide.	10		
Third flashed close to hocks full in crotch	20		
Thigh, fleshed close to hocks, full in crotch Legs, straight, strong, short; bone clean; pasterns upright; feet			
medium size	2		
Tail, well set on; size medium; curled Objections, hips and rump narrow; rump short, steep; ham	1		
Objections, hips and rump narrow; rump short, steep; ham and thigh thin and shallow.			
Total	100		
	100		

## Kansas State Agricultural College.

	Possible score.	Student's score.	Judge's score.
1. Head 2. Eyes 3. Ears 4. Neck 5. Jowl 6. Shoulders 7. Chest 8. Back and loins 9. Sides and rib 10. Belly and flank 11. Ham and rump 12. Feet and legs 13. Tail 14. Coat 15. Color 15. Size 17. Action and style 18. Condition 20. Symmetry Total	4 2 2 2 2 2 6 6 12 140 100 10 3 3 5 5 3 2 2 2 8 8 100		

## Michigan State Agricultural College.

Scale of points.	Perfect.	Student's estimate.	Corrected.
General appearance:  Weight, estimated, — pounds: actual, — pounds  Size, according to age and breed.  Form, deep, low down, broad; standing firmly and squarely on	6		
legs	8		
bristles Disposition, quiet	8 5		
	27		
Head and neek: Snout, length medium Eyes, prominent, clear, bright Face, short; cheeks prominent. Ears, fine, silky; size medium Jowl, large, neat, full to brisket and shoulder	1 1 1 1		
Neck, short, thick, broad on top	7		
Fore quarters: Shoulder, broad, deep, compact, full. Breast, moderately projecting, wide, deep. Legs, straight, short, well placed outside. Feet, strong; standing well on the toes	3		
Body:	2 5 8 5 3 2 2		
Hind quarters:  Hips, wide apart, smooth.  Rump, long, broad, even, full  Hams, thickly fleshed, broad, long, fleshed low down  Legs, straight, short, well placed outside.  Feet, strong; standing well upon toes	3 9 3		
	21		

## College of Agriculture and Mechanic Arts of the University of Missouri.

Scale of points.	Perfect.	Student's estimate.	Corrected.
General appearance: Weight, estimated, — pounds; actual, — pounds Size, according to age. Form, deep, low down, broad; standing firmly and squarely on	6		
legs. Quality, bone clean, medium fineness; hair silky, without bristles	8		
Disposition, quiet			
Head and neck:  Snout, length medium Eyes, prominent, clear, bright Face, short; cheeks prominent. Ears, fine, silky; size medium Jowi, large, neat, full to brisket and shoulder Neck, short, thick, broad on top	1 1 1 2		
Fore quarters: Shoulder vein, full. Shoulder, broad, deep, compact Breast, moderately projecting, vide, deep. Legs, straight, short, strong, well placed outside.	2 8 3		
Body: Girth, large,feet, inches Chest, deep, wide Sides, close ribbed, long, deep, full Pack, broad, straight, thick fleshed Loin, broad, thick, even Belly, wide; bottom line straight Flank, low, continuing bottom line	3 2		
Hind quarters:  Hips, wide apart, smooth  Rung, long, broad, even, full  Hams, thickly fleshed, broad, long, fleshed low down  Legs, straight, short, strong, well placed outside	3 3		
Total	100		

### New Hampshire College of Agriculture and the Mechanic Arts.

		Points d	eficient.
Seale of points.	Perfect score.	Student's score.	Corrected.
General appearance:			
Weight, estimated, — pounds; actual, — pounds			
Score, according to age.  Form, deep, broad, low, symmetrical, compact; standing squarely	. 6		
Form, deep, broad, low, symmetrical, compact; standing squarely			
Quality, bone clean; hair silky; skin fine	. 8		
Disposition, quiet	. 5		
3. Head and neck			
Snout, length medium; not coarse	1 1		
Eyes, full, mild, bright, large			
Face, short; cheeks full			
Ears, fine, soft; size medium.  Jowl, strong, neat, broad.			
Neck, thick: length medium	1		
Fore quarters:	1		
Shoulder vein, full	1		
Shoulder broad door full compact on top	8		
Shoulder, broad, deep, full, compact on top Breast, advanced, wide Legs, straight, short, strong; feet medium size	2		
Logs straight short strong feet medium size	4		
Body:	1		
Chest, deep, broad; girth large	10		
Sides, deep, lengthy, closely ribbed.	8		
Back, broad, straight, thickly and evenly fleshed	4		
Loin, wide, thick	3		
Belly, straight			
Flank, even with underline	2		
. Hind quarters:			
Hips, wide apart, smooth	. 3		
Rump, long, wide, evenly fleshed, straight	3		
Hams, heavily fleshed, deep, wide	. 8		
Thighs, fleshed close to hocks	4		
Tail, tapering	1		
Legs, straight, short, strong; feet medium size	4		
Total	100		

## North Carolina College of Agriculture and Mechanic Arts.

Same as the New Hampshire card (see above) for hogs.

### North Dakota Agricultural College.

·	1	Points d	leficient.
Scale of points, $a$	Perfect score.	Student's score.	Corrected.
General appearance:  Weight, estimated, — pounds; actual, — pounds; score according to age.  Form, deep, broad, low, long, symmetrical, compact; standing squarely on legs.  Quality, bone clean; hair silky; skin fine.  Disposition, quiet  Head and neck:  Snoul, length, medium, not coarse  Eyes, full, night, bright, large  Eyes, full, night, bright, large  Eyes, full, proad, length, large  Eyes, full, strong, neat, broad.  Neck, thick: length medium  Fore quarters:  Shoulder vein, full.  Shoulder vein, full.  Shoulder, broad, deep, full, compact on top  Breast, advanced, wide  Legs, straight, short, strong; feet medium size.  Body:  Chest, deep, broad; girth large.  Sides, deep, lengthy, closely ribbed.  Back, straight, broad, thickly and evenly fleshed  Loins, wide, thick.  Belly, straight.  Hin less wide, thick.  Hin, beavily fleshed, deep, wide  Thigrs, feshed close to hocks.  Legs, straight, short, strong; feet medium size.	1 1 1 1 1 1 1 2 8 2 2 5 8 8 4 4 3 2 2 2 2 2 3 8 8 4 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		
Total	100		

#### a After Craig.

### Oklahoma Agricultural and Mechanical College.

Scale of points.	Possible score.	Na	ame of	anima	ıls.
General appearance—40 points: Weight: Six months, 200 pounds: 12 months, 250 pounds: 18					
Weight: Six months, 200 pounds; 12 months, 350 pounds; 18 months, 450 pounds; 24 months, 500 pounds  Estimated, pounds					
Actual, pounds					
According to age	8				
ing squarely on legs. Quality, bone clean; hair silky; skin fine; flesh free from lumps and wrinkles	10				
Condition, deep, even covering of flesh, especially in region of valuable cuts	12				
Head and neck-6 points: Snout, length medium; not coarse	1				
Eyes, full, bright, large Face, short; cheeks, full	î				
Ears, fine, soft: medium size	1 1				
Jowl, long, neat, broad, full to brisket and shoulder Neck, thick; length medium	1				
Fore quarters—7 points:			i	1	
Shoulder, broad, deep, full, compact on top Breast, advanced, broad Legs, straight, short, strong; pasterns upright.	1				
Rody—28 points:					
Chest, deep, broad: girth large Sides, deep, lengthy, close ribbed Back, broad, straight, thickly and evenly fleshed	4				
Back, broad, straight, thickly and evenly fleshed	8				
Loins, broad, thick Belly, straight, wide	1 5				
Flank, even with under line	2				
Hind quarters—19 points: Hips, smooth, wide apart	2				
Rump, long, wide, evenly fleshed, straight	12				
Rump, long, wide, evenly fleshed, straight Hams, heavily fleshed, deep, wide, full Thighs, fleshed close to hocks Legs, straight, short, strong, well placed; pasterns upright	2				
Total					

## The Pennsylvania State College.

	D6+	Points d	eficient.
Scale of points.	Perfect score.	Student's score.	Corrected.
General appearance:			
Weight, estimated, — pounds; actual, — pounds; score ac-	5		
cording to age	0		
Form, deep, broad, low, long, symmetrical, compact, standing squarely on legs	7		
Objections, narrow hams; broad, heavy shoulders; loosely	· '		
jointed, unsymmetrical. Quality, bone clean; hair silky; skin fine	6		
Objections, bone large, coarse, without taper; pasterns long;			
hair coarse, harsh, not evenly distributed.  Disposition, quiet, gentle, easy to handle	3		
Objections, cross, restless, wild.			
Head and neck: Snout, length medium; not coarse	2		
Objections, long, thick, coarse. Face, short; cheek, full	2		
Objections, long, narrow between eyes.	_		
Eyes, full, mild, brightObjections, small, dull, deep set; vision impaired by wrinkles.	1		
Ears, fine; size medium; soft. Objections, large, coarse; knuckle long or large; difference	2		
Objections, large, coarse; knuckle long or large; difference in size or position one with another.			
Jowl, strong, neat, broad	2		
Objections, light, flabby, rough, deeply wrinkled, not carry- ing fullness back to the shoulder or brisket.			
Neck, thick; length medium	2		
Fore quarters:			*
Shoulder, broad, deep, full, compact on top	8		
of sides and hams; extending above line of back; shield			
too coarse and prominent. Breast, advanced, wide.	2		
Objections, narrow, contracted.			
Legs, short, strong; feet medium size; hoof erect, capable of bearing good weight	5		
Objections, legs long, slim, coarse, crooked; hoof long, slim, weak, unable to bear weight of animal without breaking			
down.			
Body: Chest, broad, deep; girth large	10		
Objections, flat, pinched; breastbone crooked.	10		
Sides, deep, lengthy, closely ribbed	7		• • • • • • • • • • • • • • • • • • • •
at shoulders, tucked up as it approaches hams; lumpy or			
uneven surface. Back, broad, straight, thickly and evenly fleshed	8		
Objections, narrow, creased back of shoulders, hollow or humped, too long or tapering at the hams.			
Loin, wide, thick	5		
Objections, high, narrow, depressed, humped up. Belly, straight, wide, full	3		
Objections, narrow, sagging, flabby.			
Flank, even with under line, full Objections, thin, tucked up, drawn in.	3		
Hind quarters:	2		
Hips, wide apart, smooth	-		
Rump, long, wide, evenly fleshed, straight	2		
Hams, heavily fleshed, deep, wide Objections, narrow, short, thin; not projecting beyond and	8		
Objections, narrow, short, thin; not projecting beyond and coming down to hock; cut up too high in the twist; straight			
from root of tail to hock; buttocks light, thin, flabby.	-		
Legs, straight, short, strong; feet medium size	5		
weak, unable to bear weight of animal without breaking down.			
	700		
Total	100		• • • • • • • • • • • • • • • • • • • •

## State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
A. General appearance:		
1. Estimated weight, — pounds; actual, — pounds. 2. Weight, according to age, 6–8 months, 200–250 pounds.		
2. Weight, according to age, 6-8 months, 200-250 pounds	6	
3. Form, deep, broad, low, symmetrical, compact, standing squarely on legs.	6	
4. Quality, bone clean: nair silky: skin fine	6	
5. Disposition, quiet	4	
6. Constitution, vigorous, robust, showing size and substance	5	
B. Head and neck:	l	
7. Snout, of medium length and fineness	1	
8. Eyes, full, mild, bright, large	1	
9. Face, short; cheeks full	1	
10. Forehead, broad, high, full	l î	
11. Ears, of medium size, fine, soft.	î	
12. Jowl, strong, neat, broad.	1 1	
13. Neck, of medium length, thick	1	
C. Fore quarters:	1	
C. Fore quarters:		
14. Shoulder vein, 1ull	1	
14. Shoulder vein, full 15. Shoulder, broad, deep, full; top compact 16. Breast, full, wide 17. Legs, straight, short, strong; feet of medium size	7	
16. Breast, full, wide	2	
17. Legs, straight, short, strong; feet of medium size	3	
D. Body:		
18. Chest, deep, broad; girth large	10	
18. Čhest, deep, broad; girth large 19. Sides, deep, lengthy, closely ribbed. 20. Back, broad, straight, thickly and evenly fleshed	8	
20. Back, broad, straight, thickly and evenly fleshed	4	
21. Loin, wide, thick	3	
22. Belly straight.	2	
23 Flank even with underline	1 1	
21. Loin, wide, thick 22. Belly, straight 23. Flank, even with underline 24. Navel, large, defined	1 1	
E. Hind quarters:	_	
05 Ting wide apart greath	3	
25. Bips, wide apart, smooth	9	
20. Rump, long, wide, straight, evenly neshed	0	
27. Hams, deep, wide, neavity nesned	0	
26. Runp, long, wide, straight, evenly fieshed 27. Hams, deep, wide, heavily fieshed 28. Thighs, fieshed close to hocks.	4	
29. Twist, deep, plump	1	
30. Tail, tapering	1	
31. Legs, straight, short, strong; feet of medium size	4	
Total	100	
	1	

### State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
A. Primary considerations:  1. Weight, — pounds 2. Size and substance, for age		
3. Action vigorous easy	4	
4. Appearance, cylindrical, smooth, compact. 5. Quality, skin, smooth, pliable; flesh firm; hair soft, fine, silky	5	
3. Nervous energy: 6. Temperament, active, controlled	7	
7. Eyes, large, clear, bright, mild, placid, free from white	6	
9. Ears, broad, medium, thin, active.	2	
10. Spinal column, long, well covered	7	
<ol> <li>Contour, clean-cut, smooth, correlated, symmetrical, free from patchiness and offal.</li> </ol>		
12. Head, size medium; snout medium; face short	1	
13. Neck, thick, short  14. Withers, broad on top, well fleshed; shoulder well covered, slanting  15. Shoulder, heavy, broad, deep, full.	1	
16. Back, broad, strong, well muscled.	2	
17. Loin, broad, strong 18. Pelvic arch, suppressed, well covered	3 2	
19. Flank, lean; twist full; thigh full, recurved	1	
D. Digestion and assimilation: 21. Nostrils, medium-sized, clear, bright		
22. Breast, full, low 23. Chest, wide, deep, long; girth large	2	
24 Middle niece long broad on top deep	9	
25. Ribs, flat, well arched, deeply covered. 26. False ribs, well developed	3	
E. Essential qualities: 27. Top line, straight or slightly arched; bottomline straight, close to ground	1	
28. Size and weight, indicating tendency to mature early	4 7	
30. Long from hook points to pin bones, and to hock; hams uniform, mass-		
ive, meaty 31. Constitution, vigorous; bones sufficient for weight	2	
Total	100	

### Agricultural and Mechanical College of Texas.

Scale of points.	Possible score.	Student's score.	Corrected.
. General appearance:			
Estimated weight, — pounds			
Weight, according to age.  Form, deep, broad, low, symmetrical, compact, standing			
squarely on legs. Quality, bone, clean; hair silky; skin fine	8		
Quality, bone, clean; hair silky; skin fine	8		
Disposition, quiet	5		
. Head and neck:	1		
Snout, of medium length and fineness	1		
Eyes, full, mild, bright, large	1		
Face, short; checks full	1		
Ears, fine, soft; size medium	1		
Jowl, strong, neat, broad	1		
Neck, thick: length medium	1		
. Fore quarters:			
Shoulder vein, full	1		
Shoulder, broad, deep, full; top compact	8		
Legs, straight, short, strong; feet of medium size	4		
Body:	1		
Chest, deep, broad; girth large	10		
Sides, deep, lengthy, closely ribbed	1 8		
Back, broad, straight, thickly and evenly fleshed	1		
Loin, wide, thick.	4		
Dollar wide, tiller			
Belly, straight			
Flank, even with under line	2		
. Hind quarters:	-		
Hips, wide apart, smooth			
Rump, long, wide, straight, evenly fleshed			
Hams, deep, wide, heavily fleshed	8		
Thighs, fleshed close to hocks	4		
Tail, tapering	1		
Legs, straight, short, strong; feet of medium size	4		
Total	100		

### Agricultural College of Utah.

0 1 1 1		Score.	
Scale of points.	Stand- ard.	Student's.	Corrected.
General appearance:			
Age, estimated, —; actual, — Weight, estimated, — pounds; actual, — pounds; score according to age.			
Weight, estimated, — pounds; actual, — pounds; score ac-			
cording to age. Form, deep, broad, low, long, symmetrical, compact, standing	6		
squarely on legs.	8		
squarely on legs. Quality, bone clean; hair silky; skin fine	8		
Disposition, quiet	5		
Head and neck:			
Snout, length medium; not coarse.	1		
Eyes, full, mild, bright, large	1		
Face, short; cheeks full Ears, soft, fine; size medium	1		
Jowl, strong, neat, broad	1		
Neck, thick; length medium	î		
Fore quarters:			
Shoulder vein, full	2		
Shoulder, broad, deep, full, compact on top Breast, advanced, wide Legs, straight, short, strong; feet medium size	8		
Logs straight short strong; foot medium size	2 5		
Body:	0		
Chest, deep, broad: girth large	8		
Sides, deep, lengthy, closely ribbed. Back, broad, straight, thickly and evenly fleshed	8		
Back, broad, straight, thickly and evenly fleshed	4		
Loin, wide, thick	3		
Belly, straight. Flank, even with under line	2		
Hind quarters:	2		
Hips, wide apart, smooth	3		
Rump, long, wide, evenly fleshed, straight	3		
Hams, heavily fleshed, deep, wide	8		
Thighs, fleshed close to hocks.	4		
Legs, straight, short, strong; feet medium size	5		
Total	100		

#### College of Agriculture of the University of Wisconsin.

	D. 211.	Points o	leficient.
Scale of points.	Possible score.	Student's score.	Corrected
General appearance—25 points:			
Weight, estimated, — pounds; actual, — pounds; according			
to age	6		
to age Form, deep, broad, low, long, symmetrical, compact, standing	·		i
squarely on 1egs	8		
Quality, bone clean; hair silky; skin fine	6		
Disposition, quiet	5		
Head and neck—10 points:			
Snout, not coarse; length medium Eyes, large, mild, full, bright, wide apart.	1		
Eyes, large, mild, full, bright, wide apart	1		
Forehead, broad. Face, short; cheeks full.	1		
Fare fine coft size medium	1		
Ears, fine, soft; size medium. Jowl, strong, neat, broad. Neck, thick; length medium	1		
Nock thick length medium	2		
Fore quarters—13 points:	Ü		
Shoulder broad deep full compact on top	6		
Shoulder, broad, deep, full, compact on top Breast, wide, prominent Legs, straight, short, strong; feet medium size.	2		
Legs, straight, short, strong: feet medium size.	5		
30dv-32 points:			
Chest, deep, broad; girth large.	7		
Chest, deep, broad; girth large. Sides, deep, lengthy, closely ribbed	8		
Back, broad, straight, thickly and evenly fleshed	7		
Loin, thick, wide Belly, straight	5		
Belly, straight	3		
Flank, even with under line	2		
lind quarters—20 points:			
Hips, wide apart, smooth	3		
Rump, long, wide, evenly nesned, straight	8		
Hams, heavily fleshed, deep, wide	8		
Legs, straight, short, strong; feet medium size	Э		
Total	100		

#### LARD HOGS.

### College of Agriculture of the University of Illinois.

- Scale of points.	Perfect score.	Student's score.	Corrected.
General appearance—30 points:			
1. Weight, score according to age	6		
2. Form, deep, broad, low, long, symmetrical, compact; stand-	8		
ing squarely on legs 3. Quality, hair silky; skin fine; bone fine; mellow covering of	8		
flesh, free from lumps and wrinkles	8		
4. Condition, deep, even covering of flesh, especially in region			
of valuable cuts.	8		
Head and neck—8 points:	0		
5. Snout, length medium; not coarse	1		
6. Eyes, full, mild, bright	î		
7 Face short: checks full	1		
8. Ears, fine; size medium; attached neatly	1		
9. Jowl, strong, neat, broad, firm	2		
<ol><li>Neck, thick, smooth to shoulder; length medium</li></ol>	2		
Fore quarters—12 points:			
<ol><li>Shoulder, broad, deep, full; compact on top</li></ol>	8		
<ul><li>12. Breast, advanced, wide.</li><li>13. Legs, straight, short, strong; bones clean; pasterns upright;</li></ul>	2		
<ol><li>Legs, straight, short, strong; bones clean; pasterns upright;</li></ol>			
feet medium size	2		
Body—32 points:			
14. Chest, deep, broad; girth large	2 8		
15. Sides, deep, lengthy, full; ribs close, well sprung	10		
17. Loin, wide, thick, straight.	10		
18. Belly, straight, even	2		
Hind quarters—18 points:	2		
19. Hips, wide apart, smooth	3		
20. Rump, long, wide, evenly fleshed, straight	3		
21. Ham, heavily fleshed, plump, full, deep, wide	10		
22. Legs, straight, short, strong; bone clean; pasterns upright;			
feet medium size	2		
Total	100		
Total	100		

### School of Agriculture of Purdue University.

Scale of points.	Stand- ard.	Student's score.	Corrected
General appearance—30 points:			
Weight, score according to age     Form, deep, broad, low, long, symmetrical, compact; stand-			
ing squarely on legs. 3. Quality, hair silky; skin fine; bone fine; covering of flesh	8		
mellow, free from lumps and wrinkles.  4. Condition, deep, even covering of flesh, especially in region	8		
of valuable cuts 5. Temperament, mild, quiet	8 2		
Head and neck—8 points: 6. Snout, length medium; not coarse.	1		
7. Eyes, full, mild, bright 8. Face, short; cheeks full 9. Ears, fine; size medium; attached neatly	1		
10. Jowl, strong, neat, broad, firm 11. Neck, thick, smooth to shoulder; length medium.	2		
Fore quarters—12 points:  12. Shoulder, broad, deep, full, compact on top	8		
13. Breast, advanced, wide 14. Legs, straight, short, strong; bones clean; pasterns upright;	2		
feet medium size Body—32 points:	2		
15. Chest deep broad: girth large	4 8		
16. Sides, deep, lengthy, full; ribs close, well sprung 17. Back, broad, straight, thickly and evenly fieshed	9		
19. Belly, straight, even	2		
20. Hips, wide apart, smooth	3		
22. Ham, heavily fleshed, plump, full, deep, wide	10		
feet medium size	2		

#### Iowa State College of Agriculture and the Mechanic Arts.

Scale of points.	Perfect score.
General appearance:	
1 Weight score according to age	
2. Form, deep, broad, low, long, symmetrical, compact; standing squarely on legs 3. Quality, hair silky; skin fine; bone fine; covering of flesh mellow, free from lumps	10
3. Quality, hair silky; skin fine; bone fine; covering of flesh mellow, free from lumps and wrinkles	. 1
4. Condition, deep, even covering of flesh, especially in regions of valuable cuts	1
Head and neck:	1
5 Spout medium length: not coarse	
6. Eyes, full, mild, bright	
6. Eyes, full, mild, bright 7. Face, short, cheeks full 8. Ears, fine; medium size; soft 9. Jowl, strong, neat, broad 10. Neck, thick; length medium	
8. Ears, fine; medium size; soit	
9. Jowi, strong, neat, broad 10. Neek thick: length medium	
Fore quarters:	
11. Shoulder, broad, deep, full, compact on top	
12. Breast, advanced, wide.	
13. Legs, straight, short, strong; bone clean; pasterns upright; feet medium size	
Body:	İ
15. Cilest, deep, broad, girli large	
16. Back, broad, straight, thickly and evenly fleshed	1
17. Loin, wide, thick, straight	1
14. Chest, deep, broad; girth large. 15. Sides, deep, lengthy, full; ribs close, well sprung. 16. Back, broad, straight, thickly and evenly fleshed. 17. Loin, wide, thick, straight. 18. Belly, straight, even.	
lind quarters:	
19. Hips, wide apart, smooth. 20. Rump, long, wide, evenly fleshed, straight	
21. Ham, heavily fleshed, plump, full, deep, wide.	. 1
22. Thighs, fleshed close to hocks	1
23. Legs, straight, short, strong; bone clean; pasterns upright; feet medium size	
Total	10
10(4)	1

#### Agricultural and Mechanical College of Kentucky.

Same as Iowa card (see above), with the following exception: Under quality, read "flesh smooth, mellow, free from lumps and wrinkles," etc.

#### College of Agriculture of the University of Minnesota.

Same as the Iowa card (see above) for lard hogs, with two exceptions: Under quality, read "skin mellow," etc.; under sides, read "medium length," etc.

#### The College of Agriculture and Domestic Science, Ohio State University.

		Score.		
Scale of points.	Perfect score.	Student's score.	Corrected.	
A. General appearance—28 points:				
Weight, estimated, —; actual, — pounds; according to age Form, deep, broad, low, symmetrical, compact; standing	4			
	7			
squarely on legs. Quality, bone clean; hair silky; skin fine	10			
Disposition, quiet	3			
Action and style, vigorous, easy	. 4			
B. Head and neck—8 points:				
Snout, medium, too short, not coarse; length, — inches	1			
Eyes, full, mild, bright, large	1			
Ears, fine; size medium; soft, neatly attached	1			
Jowl, strong, neat, broad, full to shoulders	2			
Neck, thick, short, broad on top				
C. Fore quarters—14 points:				
Shoulder vein, full	1			
Shoulder, broad, deep, full, compact on top	5			
Breest advanced wide roomy	- 2			
Legs, straight, short, strong, wide apart, well set	2			
Pasterns, strong, straight, upright	3			
O, Body—29 points:				
Chest, deep, broad; girth large, — inches	8			
Sides, full and smooth from hams to shoulder, close ribbed	8			
Back, broad, straight, thickly and evenly fleshed	6			
Loin, wide, thick	3			
Belly, straight, wide.	2			
Flank, even with under line; girth of body, inches	2			
E. Hind quarters—21 points:				
Hips, smooth	2			
Rump, long, wide, level, well filled out	3			
Hams, heavily fleshed, deep, wide, thick				
Legs, straight, short, strong, wide apart, well set				
Pasterns, strong, straight, upright				
Tail, tapering	1			
Total	100			

#### South Dakota Agricultural College.

Same as the Iowa card (see p. 93) for lard hogs.

#### BACON HOGS.

#### College of Agriculture of the University of Illinois.

Same as the Iowa card (see p. 95) for bacon hogs.

#### School of Agriculture of Purdue University.

Same as the Iowa card (see p. 95) for bacon hogs.

## Iowa State College of Agriculture and the Mechanic Arts.

Scale of points.	Perfect score.
General appearance:	
1. Weight, 170 to 200 pounds, the result of thick cover of firm flesh	6
<ol> <li>Form, long, level, smooth, deep.</li> <li>Quality, hair fine; skin thin; bone fine; firm, covering of flesh without any soft</li> </ol>	10
bunches of fat or wrinkles	10
<ol> <li>Condition, deep, uniform covering of flesh, especially in region of valuable cuts</li> </ol> Head and neck:	10
5. Snout, fine.	1
6. Eyes, full, mild, bright	î
7. Face, slim. 8. Ears, trim: size medium.	1 1 1
8. Ears, trim; size medium. 9. Iowl light trim	1
9. Jowl, light, trim 10. Neck, light; length medium	i
Fore quarters:	
11. Shoulders, free from roughness, smooth, compact, same width as back and hind quarters	6
quarters 12. Breast, moderately wide, full	2 2
<ol> <li>Legs, straight, short, strong; bone clean; pasterns upright; feet medium size</li> </ol>	. 2
Body:	
14. Chest, deep; girth full 15. Back, smooth; width medium, uniform.	4 8
16. Sides, long, smooth, level from beginning of shoulders to end of hind quarters; the	
side at all points should touch a straightedge running from fore to hind quarter	
17. Ribs, deep, uniformly sprung	2 10
19. Hips, smooth, wide, proportionate to rest of body	2 2
20. Rump, long, even, straight, rounded toward tail	2 8
32. Legs, straight, short, strong; feet medium size; bone clean; pasterns upright	- 8
Total	100

#### Michigan State Agricultural College.

Scale of points.	Perfect.	Student's estimate.	Corrected.
Head and neck: Snout, moderately fine Eyes, size good; full, bright. Jowl, light, neat Neck, rather light, with no tendency to arch on top; length	1 1 3		
medium	3		•••••
Shoulders, light, smooth, rounded from side to side over top, very compact, no wider than back. Breast, full; width good. Fore legs, set well apart, straight; length medium; pasterns upright; bone flat, clean, moderately fine	9 4		•••••
Body: Back, rising slightly above the straight line, and forming a	9		•••••
very slight arch from neck to tail; width médium Loin, strong, full, but not unduly arched, wide as rest of back Ribs moderately arched; length good	5 3		
Side, fairly deep, long, smooth, straight between shoulder and ham; a straightedge laid over shoulder point and ham should touch the side throughout	12		
with side of shoulder; there should be no tucked up appearance back of forelegs, nor droop back of shoulder top	5 1		
Underline, straight; the belly should be markedly trim and neat	5		••••
Hind quarters:  Rump, same width as back, long, slightly rounded from a point above hips to tail, and rounded from side to side over top  Ham, full without flabbiness; thigh tapering toward hock without wrinkles or folds, carrying flesh well down toward	5		<b></b>
hock.  Hind legs, length medium; hocks set well apart but not bowed outward; bone flat, clean, moderately fine; pasterns	6		
strong Quality: a	4		
Ear, rather thin (1); hair fine, abundant (2); skin smooth, showing no tendency to wrinkle (2); bone flat, clean in legs, moderately fine in snout and head, showing no prominence on side and top of shoulder (5); flesh, firm, smooth, with no flabbiness at jowl, foreflank, belly or ham (5)  Style:	15		
Active, sprightly in movement, walking without a swaying motion, standing well up on toes.  N. B.—For hogs intended for killing, the same scale of points may be used with the following modifications: Strike out score for eyes, ears, hair, and style, deduct two points from points allowed forelegs and also hindlegs, and add follow-points allowed forelegs and also hindlegs, and add follow-	5		
ing score: Weight, 175 to 200 pounds, live weight; being under 160 pounds or over 220 pounds will disqualify	13		
Total			

a Numbers in parentheses indicate perfect score of points enumerated.—G. M. R.

#### SHEEP.

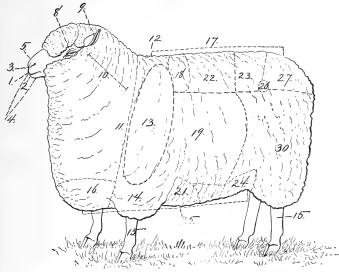


Fig. 8.—Points of the sheep, side view.

1. Muzzle. 2. Mouth. 3. Nostril. 4. Lips. 5. Nose. 8. Eye. 9. Ear.

10. Neck.
11. Neck vein, or shoul12. Top dineder vein.
13. Shoulder.
14. Arm.
15. Shanks.
16. Brisket, or breast.
17. Top line.
18. Crops.
19. Ribs.
19. Ribs.
21. Fore flank.
22. Back.
23. Loin.

24. Hind flank.

25. Underline. 26. Hip. 27. Rump. 30. Thigh, or leg of mutton.



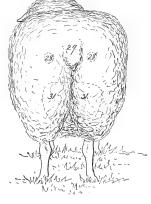


Fig. 9.—Points of the sheep, front and rear views.

16. Brisket, or breast. 28. Pin bones. 20. Girth, or heart girth. 29. Dock, or tail. 6. Face. 7. Forehead.

### New Hampshire College of Agriculture and the Mechanic Arts.

		Mutton sheep.			Wool sheep.		
Scale of points.	Standard.	Students.	Corrected.	Standard.	Students.	Corrected.	
A. General appearance:  Weight, estimated, — pounds; actual, — pounds; standard for mature ram, —; ewe, — Form, for M., low, compact, symmetrical; for W., rather the reverse Quality, should not be coarse in bone, fleece, or features; firm in handling, yet with soft, pliable skin of bright pink color. Constitution, shown by fleece, skin, girth, and movement.	6			4 5 6 10			
B. Head and neck:  Muzzle, mouth and nostrils of good size; lips thin  Eyes, bright, prominent; whites clear.  Face, short, except in Oxfords, Hampshires, and Cotswolds  Forchead, broad, full.  Ears, well apart, covered with fine soft hair; in size and form typical of brees.	1 2 1 2			1 2 1			
Neck, for M., short, thick, neatly tapering to head; for W., longer, drooping at yoke C. Fore quarters: Shoulders, for M., smoothly joined with neck and body, broad on top, compact; for W., less closely joined Breast, broad, carried well forward, closely joined to legs. Legs, short, straight, strong, well apart; arm full	2 6 4 2			1 4 3 2			
D. Body: Back and loin, straight, broad. Ribs, springing from spine in such a plane as to make back broad and flat; for wool, slope downward from spine. Chest, showing no depression above, at sides, or below, making large girth.	8 4 6			5 2 4			
Flank, low, full. E. Hind quarters: Hips, broad, flat above. Rump, long, level, wide. Thighs, full, less so for W. Twist deep, plump	3 4 4 5 4			2			
Legs, straight, short, strong, but not coarse.  F. Wool: Quality, fine for breed, soft, even. Density, great, even. Length, great, even. Yolk, slight amount.	3 3 3			12 10			
Total	100			100			

### North Carolina College of Agriculture and Mechanic Arts.

Same as the card (see above) of the New Hampshire College for sheep

## School of Agriculture of Purdue University.

. Scale of points.	Mutton sheep.			Fine-wool sheep.			
	Stand-	Score.		Stand-	Score,		
	ard.	Stu- dent's.	Cor- rected.	ard.	Stu- dent's.	Cor- rected.	
A. Age, —; teeth —				1			
B. General appearance:							
Weight, estimated, pounds; actual,			1		1		
pounds, according to age				4			
Form, low, compact, symmetrical	6			5			
Quality, bone and wool fine	7			9			
Constitution, as seen in girth, skin, and fleece	10			10			
C. Head and neck:		1					
Muzzle, fine; mouth and nostrils of good size;							
lips thin	1 1			1			
Eyes, bright, full; whites clear	1			1			
Face, short	1			1			
Forehead, broad	1			1			
Ears, fine, erect	1			1			
Neck, thick, short	1			1			
D. Fore quarters:	_						
Shoulders, smooth, well covered				4			
Chest, wide, deep	6			5			
Brisket, thick, carried well forward	4			3			
Legs, straight, short, strong, well set; arm full;	3		1				
shank smooth	3			3			
E. Body:	8						
Back and loin, straight, wide				6			
Ribs, well sprung, deep	+			3 9			
	3			2			
F. Hind quarters:	4			2			
Hips, well apart, smooth Rump, long, level, wide	5			3			
Thighs, full	9			3			
Twist, plump, deep	4			3			
Legs, straight, short, strong; shank smooth	*			0			
G. Wool:	- 5			3			
Quality, fine, soft, clean, even				11			
Density, great	3	[		6			
Length, good	9			5			
Yolk	1			4			
Total.	100			100			
Total	100		1	100			

# State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
A. General appearance:		
1. Weight, estimated, — pounds; actual, — pounds		
pounds	. 8	
3. Form, deep, broad, low set; carriage good. 4. Quality, hair silky; skin pink; bone dense; style active, sprightly. 5. Constitution, heart girth large; brisket well forward, showing size and	. 5	
substance 6. Temperament, contented, docile	. 8	
B. Head and neck:	. 0	
7. Muzzle, fine: mouth and nostrils large, no flabbiness about mouth	. 1	
8. Eyes, large, clear, placid	. 1	j
9. Face, short; features clean cut 10. Forehead, broad, full	. 1	
11. Ears, fine, erect	1 1	
12. Neck, medium, short, well fleshed; throat clean		
C. Fore quarters:		
13. Shoulder vein, full	- 1	
14. Shoulder, wide across top, compact, well fleshed, smooth	. 3	
16. Legs, straight, short, wide apart; forearm full.	2	
D. Body:	- 4	
17. Chest, wide, deep 18. Ribs, long, well arched, well covered	. 3	
18. Ribs, long, well arched, well covered	. 3	
19. Back, broad, straight, well fleshed; ribs arched	7 9	
20. Loin, broad, strong 21. Flank, low, even with underline		
E. Hind quarters:	- 2	
99 Hips wide smooth	. 3	
22. Hips, wide, smooth 23. Rump, long, level, wide.	. 3	
24. Pin bones, smooth, wide	. 2	
25. Thighs, full, long, wide	. 5	
26. Twist, low, well filled	. 5	
27. Legs, straight, short	- 2	
28. Fleere, dense, covering all parts of body evenly; yolk plentiful, free		
from kemp.	. 6	
29. Fiber, bright, lustrous, strong, even; spirals regular		
Total	. 100	

## State Agricultural and Mechanical College of the University of Tennessee.

Scale of points.	Perfect score.	Student's score.
A. Primary considerations:	ĺ	
1. Weight, —— pounds 2. Size and substance, for age		
2. Size and substance, for age	. 3	
3. Style, attractive, sprightly; breeding apparent	. 4	
3. Style, attractive, sprightly; breeding apparent. 4. Appearance, square, blocky 5. Quality, skin pink; flesh firm; hair soft, fine, silky.	4	
5 Quality skin pink: flesh firm: bair soft fine silky	1 5	
B. Nervous energy:	1	
6. Terperament, active, controlled	1 7	
7. Eyes, large, clear, bright, mild, placid, free from white	1 6	
8. Forehead, broad, high	3	
9. Ears, small, thin, active	3	
10. Spinal column, medium, well covered.	é	
	. 0	
11. Navel, large, defined.	2	
C. Structural anatomy:	1	
12. Contour, clean cut, smooth, correlated, symmetrical, free from patchiness		
and offal	4 2	
13. Head, medium in size; muzzle refined; mouth large; face lean	. 1	
14. Neck, fine; length medium; throat clean.  15. Withers, broad on top, well covered, compact; shoulder well covered,	. 1	
<ol><li>Withers, broad on top, well covered, compact; shoulder well covered,</li></ol>		
slanting.	. 1	
16. Back, straight, strong, well muscled.	.] 2	
17. Loin, broad, strong	. 3	
18. Pelvic arch, suppressed, smooth; pin bones wide	. 2	
19. Flank, low: twist full: thigh full	1	
16. Back, straight, strong, well muscled. 17. Loin, broad, strong 18. Pelvic arch, suppressed, smooth; pin bones wide. 19. Flank, low: twist full; thigh full 20. Bones, fine, joint smooth.	. 2	
D. Digest and assimilation:		
21. Nostrils, medium-sized, clear, bright	1	
22. Breast and brisket, prominent, low.	î	
93 Cheet wide deep long; girth large	- 8	
24. Barrel, medium long, broad on top, deep, capacious 25. Ribs, flat, close together, well arched	. 0	
95 Piles flat aloes torother wall arched	,	
26. False ribs, well developed	. 3	
E. Mutton and wool:	. 0	
Of Form door, broad long love set evenly covered with form flech		l
27. Form, deep, broad, long, low set, evenly covered with firm flesh	. 0	
20. Dack, broad, rever, nesh firm, well covered.	. 4	
29. Hind quarters, meaty, well developed	. 4	
30. Fleece, covering body evenly, dense; wool strong, even, bright	. 3	,
31. Yolk, abundant; neece free from kemp	. 1	
m-+-1	400	
Total	100	

## Agricultural College of Utah.

. Scale of points.		Score.				
		Mutton.		Fine woo		ool.
		Student's.	Corrected.	Standard.	Student's.	Corrected.
General appearance:						
Age, as indicated by teeth —; corrected — Weight, estimated, —; actual, —; score according to age Form, low, long, symmetrical, compact Ouality, bone clean, strong: hair silky	6 7 8			5 5 7		
Muzzle, fire, mouth large, lips thin; nostrils large Muzzle, fire, mouth large, lips thin; nostrils large Fire, short; full; whites clear, Forehead, toyad, Fars, firm, erect, lively Neck, thick, short, heavier toward shoulders	1 1 1			2 1 1 1		
Fore quarters: Shoulder vein, full. Shoulders, compact, covered with flesh Chest, wide, deep. Brisket, projecting forward; breast wide. Legs, straight, short, wide apart, strong; forearm full; shanks fine Body:	2 3 3 2			1 3 3 2		
Back, straight, wide, well covered.  Loin, thick, broad.  Ribs, arched, deep. Flank, low, thick, making under line straight.  Hind quarters:	3			3 2		
Hijs, far apart, smooth Rump, long, level, wide Thighs, full, well fleshed Twist, plump, deep Legs, straight, short, strong: shanks smooth	4 4			2 2 3		
Constitution: Girth, large; — feet, — inches. Skin, soft; color, pink. Fleece, dense, even over the body. Yolk, abundant, evenly distributed. Wool:	2 2			4 5 4		
Quantity, long, dense, even Quality, fine, soft, pure, even; fibre lustrous Condition, bright, strong, clean	4			11		
Total	100			100		

#### MUTTON SHEEP.

#### College of Agriculture of the University of Illinois.

Same as the Indiana card (see below) for mutton sheep. The Illinois card uses the word "condition" in the description of the chest instead of "constitution," which is probably a typographical error.

#### School of Agriculture of Purdue University.

Scale of points.	Stand- ard.	Student's score.	Corrected.
1. Age. —			
General appearance—38 points:			
2. Weight, score according to age	8		
3. Form, long, level, deep, broad, low set, stylish	10		
4. Quality, bone clean; hair silky; skin fine; light in offal,			
vielding large percentage of meat	10		
5. Condition, deep, even covering of firm flesh, especially in			
region of valuable cuts: points indicating condition or			
ripeness are thick dock, back thickly covered with flesh,			1
thick neck, full purse, full flank, plump breast	10		
Head and neck-7 points:			1
6. Muzzle, fine; mouth large; lips thin; nostrils large	1		
7. Eyes, large, clear, placid	1		
8. Face, short: features clean cut	1		
9. Forehead, broad, full	i i		
10. Ears, fine, erect	1		
10. Ears, fine, erect.  11. Neck, thick, short; throat free from folds	2		
Fore quarters-7 points:			
12. Shoulder, covered with flesh, compact on top, smooth	5		
13. Brisket, projecting forward: breast wide	1		
14. Legs, straight, short, wide apart, strong; forearm full;			
shank smooth, fine	1		1
Body—20 points:	1 2		
15. Chest, wide, deep, full, indicating constitution	4		
16 Ribs well sprung deep	1		
16. Ribs, well sprung, deep. 17. Back, broad, straight, long, thickly fleshed	6		
18. Loin, thick, broad, long	6		
Hind quarters—16 points:		1	
19. Hips, far apart, level, smooth	2		
20 Rump long level wide to tailhead	4		
21. Thighs, full, deep, wide	4		
22. Twist plump deep	ā		
23. Legs, straight, short, strong; shank smooth, fine	1 1		
Wool—12 points:	_	,	
24 Quantity long dense even	: 4		
25. Quality, fine, pure; crimp close, regular, even	I: 4		
26. Condition, bright, sound, clean, soft, light.	4		
20, 002000000, 00000, 00000, 00000, 0000, 0000			
Total	100		1

#### Iowa State College of Agriculture and the Mechanic Arts.

Scale of points.	Perfect score.
1. Age —	
Coneral annearence:	
2. Weight, score according to age. 3. Form, long, level, deep, broad, low set, stylish.	
3. Form, long, level, deep, broad, low set, stylish.	10
4. Quality, bone clean; hair silky; skin fine; light in offal, yielding large percentage	
of meat	10
5. Condition, deep, even covering of firm flesh, especially in region of valuable cuts;	
points indicating condition or ripeness are thick dock, back thickly covered with	
flesh, thick neck, full purse, full flank, plump breast	1
lead and neck:	-
6. Muzzle, fine: mouth large; lips thin; nostrils large	
7. Eves, large, clear, placid	i .
8. Face, short: features clean cut	
9. Forehead, broad, full.	
10. Ears, fine, erect	
11. Neck, thick, short; throat free from folds.	
ore quarters:	
12. Shoulder vein, full	
13. Shoulder, covered with flesh, compact on top, smooth.	
14. Brisket, projecting forward; breast wide.	
14. Brisket, projecting forward; breast wide	
Body:	
16. Chest, wide, deep, full, indicating condition	
17. Back, broad, straight, long, thickly fleshed; ribs arched.	1
18, Loin, thick, broad, long	1
Hind quarters:	1
19. Hips, far apart, level, smooth.	
20. Rump, long, level, wide to tailhead.	1
21. Thighs, full, deep, wide	
22. Twist, plump, deep	1
23. Legs, straight, short, strong; shank smooth, fine	1
Vool:	
24. Kind, domestic, territory, carpet or blanket.	
25. Class, clothing, delaine or combing.	
26. Grade, fine, medium or coarse.	
27. Quantity, long, dense, even.	
28. Quality, fine, pure; crimp close, regular, even	
29. Condition, bright, sound, clean, soft, light	
Total	10

#### Agricultural and Mechanical College of Kentucky.

Same as the Iowa card (see above), except that under chest the word "constitution" is used instead of "condition;" this is probably what is intended in the Iowa card.

# Massachusetts Agricultural College.

_				leficient.
	Scale of points.	Possible score.	Student's score.	Corrected.
А. В.	Age, — ; teeth, —			
	to age		•••••	
	firm flesh. Quality, bone clean; hair silky.	10		
	Temperament	2		
		28		
C.	Head and neck: Muzzle, fine; mouth large; lips thin; nostrils large Eyes, bright, full	1		
	Face, short: expression quiet	1		
	Forehead, broad Ears, fine, erect	1		
	Neck, thick, short	1		
	aroun, smort			
ъ	Fore quarters:			
ν.	Shoulder vein, full	2		
	Shoulder vein, full. Shoulders, covered, compact.	3		
	Chest, wide, deep	3		
	Brisket, projecting forward; breast wide. Legs, straight, short, wide apart, strong; forearm full; shank smooth			
		13		
F	Body:			
L.	Back, straight, wide	4		
	Loin, thick, broad	3		
	Ribs, arched, deep	3		
	riana, low, thick, making underline straight			
_		12		
F.	Hind quarters:   Hips, far apart, smooth	3		
	Rump, long, level, wide. Thighs, full	4		
	Thighs, full Twist, plump, deep.	3		
	Legs, straight, short, strong; shank smooth	3		
G.	Constitution:			
	Girth large			
	Skin, color pink Fleece, dense, even over body; yoke abundant	3		
	210000, dollor, over over body, your would			
**	Wash.	10		
п.	Wool: Quantity, long, dense, even	6		
	Quality, fine, soft, pure, even	4		
	Condition, bright, strong, clean			
		14		
	Total			

#### Michigan State Agricultural College.

Scale of points.	Stand- ard.	Student's" estimate.	Corrected.
A. General appearance:			
Weight, estimated, — pounds; actual, — pounds; standard			
for mature ram, —; ewe, —	6		
Form, low, compact, symmetrical	6		
in handling, yet with soft, pliable skin of bright pink color	7		
Constitution, shown by fleece, skin, girth, and movement			
B. Head and neck:	10		
Muzzle, mouth and nostrils of good size; lips thin	1		
Eves, bright, prominent: whites clear	. 2		
Face, short, except in Oxfords, Hampshires, and Cotswolds	1		
Forehead, broad, full	2		
Ears, well apart; covered with fine, soft hair; in size and form			
typical of breed . Neck, short, thick, neatly tapering to head	. 1		
Neck, short, thick, neatly tapering to head	. 2		
C. Fore quarters:			
Shoulders, smoothly joined with neck and body, broad, com-			
pact on top			
Breast, broad, carried well forward, closely joined to legs	4		
Legs, short, straight, strong, well apart; arm full	. 2		
D. Body: Back and loin, straight, broad			
Ribs, springing from spine in such a plane as to make back			
broad and flat			
Chest, showing no depression above, at sides, or below, making	1		
large girth	6		
Flank, low, full	3		
E. Hind quarters:			
Hips, broad, flat above	. 4		
Rump, long, level, wide	4		
Thighs, full	. 5		
Twist, deep, plump	4		
Legs, straight, short, strong, but not coarse	2		
F. Wool:			
Quality, fine for breed, soft, even			
Density, great, even			
Length, great, even			
Yolk, slight amount	1		
Total	100		
LOGI	100		

# College of Agriculture of the University of Minnesota.

This is the same as the Iowa card (see p. 104) for mutton sheep, with the following exceptions: The shoulder is given 2 points, chest 6, and thighs 4, and under fore legs the description of shank reads "smooth, firm."

# College of Agriculture and the Mechanic Arts of the University of Missouri.

	Perfect.	Student's estimate.	Corrected.
General appearance: Age, as indicated by teeth ——; corrected ——. Weight, estimated, —— pounds; corrected, —— pounds; accord-			
Weight, estimated, — pounds; corrected, — pounds; according to age	6	·	
Form, square, blocky, low, symmetrical	8	: ,	
Quality, skin, thick, soft; color pink; bone clean, fine Temperament, quiet	8		
-		·	
Head and neck:  Muzzle, fine; mouth large; lips thin; nostrils wide, open Face, short; expression placid	1		
Eyes, prominent, bright			
Forehead broad	î		
Ears, erect, fine, lively	1		
Neck, short, thick, heavier toward the shoulders	2		
	7		
Fore quarter:	0		
Shoulder vein, full	3		<b>-</b>
Brisket, projecting, deep, broad; breast wide	3		
Legs, straight, short, well placed outside; arm full, short; bone clean	3		
	11		
Body:			
Chest, deep, thick through the heart	4		
Back, straight, broad, thickly covered with flesh Loin, thick, broad, well fleshed.			
Loin, thick, broad, well fleshed.	3		
Ribs, well sprung, arched, deep.	3		
Flank, full, low, thick, making under line straight			
	16		
Hind quarter:	3		
Hips, wide apart, smooth	3		
Rump, long, level, wide Thighs, full, well fleshed.	3		
Twist, deep, full.	4		
Legs, straight, short, strong; bone fine, clean	3		
	16		
Constitution:			
Girth, large: estimated. —: corrected. —	3		
Girth, large; estimated, ——; corrected, ————————————————————————————————————	š		
Yolk, abundant, evenly distributed	3		
	9		
Wool:			
Quantity, dense, long, even	6		
Quality, fine, strong, lustrous fiber, without break	4.		
Condition, bright, strong, clean	$\hat{4}$		
I-	14		
	1.4		

# BUREAU OF ANIMAL INDUSTRY.

# North Dakota Agricultural College.

Scale of points, a   Score.   Student's   Score.		Perfect	Points o	leficient.
General appearance:   Weight, estimated, — pounds; actual, — pounds; according to age   6	Scale of points, a			Corrected.
Weighti, estimated, — pounds; actual, — pounds; according to age.   Form, low, ong, symmetrical, compact.   8   8   9   9   9   9   9   9   9   9	Age, —; teeth, —			
to age   6   6   Form, low, long, symmetrical, compact   8   8   Quality, bone clean, strong; hair silky   8   8   Temperament, quite   5   5     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1       1       1       1       1       1	General appearance:	}		
Form. low. long. symmetrical, compact.		6		
Quality, bone clean, strong; hair silky	Form low long symmetrical compact	0		
Temperament, quiet	Quality bone clean strong bair silky	9		
Head and neck:  Muzzle, fine; mouth large; lips thin; nostrils large.  Eyes, bright, full.  Fore, short; expression quiet.  Fore, fine, erect.  Neck, thick, short.  Fore quarters:  Shoulder vein, full.  Brisket, projecting forward; breast wide.  Legs, straight, short, wide apart, strong; forearm full; shank smooth.  Body:  Chest, wide, deep.  Back, straight, short, wide apart, strong; forearm full; shank smooth.  Body:  Chest, wide, deep.  Back, straight, short, wide apart, strong; forearm full; shank smooth.  Body:  Hind, quarters:  Hips, lar apart, smooth  Rump, long, level, wide.  Jing, shoulder straight  Thighs, full.  Jing, shoulder straight, short, strong; shank smooth.  Sin, deep, plump.  Jing, short, deep, short, strong; shank smooth.  Constitution:  Girth, large.  Skin, colop pink.  Fleece, dense, even over body; yolk abundant  Quanity, long, derse, even.  Quanity, long, dense, even.  Quanity, long, dense, even.  Quanity, long, dense, even.  Quality, line, soft, pure, even.  4  Condition, bright, strong, clean.				
Muzzle, fine: mouth large; lips thin; nostrils large.	Hand and neek.			
Eyes, bright, full	Muzzle fine: mouth large: lins thin: nostrils large	1		
Frice, short; expression quiet	Eves bright full	î		
Forehead, broad	Face short: expression quiet	î		
Ears, fine, creet. 1 1 Neck, thick, short 1 1	Forehead broad			
Neck, thick, short		Î		
Fore quarters:    Shoulder vein full   2   3   3   3   3   3   3   3   3   3		î		
Shoulder vein, full				
Shoulder, covered, compact.   3   Brisket, projecting forward; breast wide.   2   Legs, straight, short, wide apart, strong; forearm full; shank smooth   3   Shoulder, should be should	Shoulder vein, full	2		
Brisket, projecting forward; breast wide.   2	Shoulder covered compact	3		
Legs. straight, short, wide apart, strong; forearm full; shank smooth   3   3   3   3   3   3   3   3   3	Brisket, projecting forward; breast wide	2		
Body:   Chest, wide, deep.	Legs, straight, short, wide apart, strong; forearm full; shank			
Chest, wide, deep.         3           Back, straight, wide         4           Loins, thick, broad.         3           Ribs, arched, deep.         3           Flank, low, thick, making under line straight.         2           Hind quarters:         3           Hips, lar apart, smooth.         3           Rump, long, level, wide.         3           Thighs, full.         3           Twist, deep. plump.         4           Purse, full, indeating condition.         2           Legs, straight, short, strong; shank smooth.         3           Constitution:         3           Gith, large.         3           Gith, large.         3           Fleece, dense, even over body; yolk abundant.         4           Wol:         4           Quality, long, dense, even.         6           Quality, line, soft, pure, even.         4           Quality, line, soft, pure, even.         4           Quality, line, soft, pure, even.         4           Condition, bright, strong, clean.         4		3		
Back, straight, wide.				
Loins, thick, broad.		3		
Ribs, arched, deep				
Hind quarters:  Hips, far apart, smooth.  Rump, long, level, wide.  3 Thighs, full.  3 Twist, deep, plump. 4 Purse, full, indicating condition. 2 Legs, straight, short, strong; shank smooth. 3 Constitution:  Girth, large.  Skin, color pink.  Skin, color pink.  Heece, dense, even over body; yolk abundant.  Wool:  Quality, fine, soft, pure, even.  Quality, fine, soft, pure, even.  Condition, bright, strong, clean.  4  Condition, bright, strong, clean.	Loins, thick, broad			
Hind quarters:  Hips, far apart, smooth.  Rump, long, level, wide.  3 Thighs, full.  3 Twist, deep, plump. 4 Purse, full, indicating condition. 2 Legs, straight, short, strong; shank smooth. 3 Constitution:  Girth, large.  Skin, color pink.  Skin, color pink.  Heece, dense, even over body; yolk abundant.  Wool:  Quality, fine, soft, pure, even.  Quality, fine, soft, pure, even.  Condition, bright, strong, clean.  4  Condition, bright, strong, clean.	Ribs, arched, deep	3		
Hips. far apart, smooth	Flank, low, thick, making under line straight	2		
Rump, long, level, wide	Hind quarters:			
Thighs [ull	Hips, far apart, smooth	3		
Twist, deep, plump	Rump, long, level, wide	3		
Purse, full, indicating condition				
Legs. straight, short, strong; shank smooth.   3   Constitution;   3   String the large.   3   3   String the large.   3   3   String the large.   3   3   String the large.   4   String the large the larg	Twist, deep, plump			
Constitution:	Purse, full, indicating condition			
Girth large		3		
Skin, color pink				
Fleece, dense, even over body; yolk abundant	Girth, large	3		
Wool:         Quantity, long, dense, even.         6           Quality, fine, soft, pure, even.         4           Condition, bright, strong, clean.         4	Skin, color pink			
Quantity_long_dense_even		4		
Quality, fine, soft, pure, even 4 Condition, bright, strong, clean 4		e e		
Condition, bright, strong, clean	Quality fine soft pure even			
	Condition bright strong along			
Total 100	Condition, origin, strong, creati	4		
	Total	100		

a After Craig.

# Oklahoma Agricultural and Mechanical College.

. Scale of points.	Possible score.	Student's score.	Corrected
General appearance—S6 points:			
Weight, estimated, — pounds; actual, — pounds; score ac-			
cording to age	- 8		
Form, long, level, deep, broad, low set, stylish	10		
Quality, bone clean; hair silky; skin fine; light in offal, yield-	8		
ing large percentage of meat	0		
gion of valuable cuts; points indicating condition or ripeness			
are thick dock, back thickly covered with flesh, thick neck,			
full purse, full, low flank, plump breast	10		
Head and neck—6 points:	10		
Muzzle fine: mouth large: lips thin: nostrils large	1		
Eyes, large, clear, placid Face, short; features clean cut	1		
Face, short; features clean cut.	1	1	
Forehead, broad, full.	1		
Ears, fine, erect	. 1		
Neck, thick, short, free from folds	1		
Fore quarters—4 points:			
Shoulder vein, full	1		
Shoulder, covered with flesh, compact on top, smooth	1		
Brisket, projecting forward; breast wide	1		
Legs, straight, short, wide apart, strong; forearm full; shank			
smooth, fine	1		
Body—26 points: Chest, wide, deep, full, indicating constitution	0		
Back, broad, straight, long, wide, thickly fleshed; ribs arched.	10		
Loin, thick, broad, long.			
Hind quarters—17 points:	0		
Hips, far apart, level, smooth	9		
Rump, long, level, wide to tailhead	ã		
Thighs, full, deep, wide	ŝ		
Twist, plump, deep.	5		
Legs, straight, short, strong; shank smooth, fine	1		
Vool 11 points:			
Kind, domestic, territory, carpet, or blanket			
Class, clothing, delaine, or combing			
Kind, domestic, territory, carpet, or blanket. Class, clothing, delaine, or combing Grade, fine, medium, or coarse.			
Quantity, long, dense, even	4		
Quality, fine, pure; crimp close, regular, even	3		
Quantity, long, dense, even. Quality, fine, pure; crimp close, regular, even. Condition, bright, sound, clean, soft, light.	4		
Total	100		

# The Pennsylvania State College.

	l	Points deficient.		
Scale of points.	Perfect score.	Student's score.	Corrected.	
Age, —: teeth, —				
Peneral appearance:				
Weight, estimated, — pounds; actual, — pounds; according				
to age	. 6			
Form, low, long, symmetrical, compact. Quality, bone clean, strong: hair silky	. 8			
Quality, bone clean, strong; hair silky	. 8			
Temperament, quiet	. 5			
lead and neck:	. 1			
Muzzle, fine; mouth large; lips thin; nostrils large	1			
Eyes, bright, full Face, short; expression quiet.				
Face, snort; expression quiet	1			
Ears, fine, erect.				
Neck, thick, short				
rore quarters:	. 1			
Shoulder vein, full	9			
Shoulders, covered, compact	. 2			
Brisket, projecting forward; breast wide	. 9			
Legs, straight, short, wide apart, strong; forearm full; shanks				
smooth	3			
Body:			1	
Chest, wide, deep	. 3			
Back, straight, wide				
Loin, thick, broad	. 3			
Ribs, arched, deep	. 3			
Flank, low, thick, making under line straight	. 2			
Hind quarters:	i			
Hips, far apart, smooth	. 3	1		
Rump, long, level, wide	. 3			
Thighs, full				
Twist, plump, deep	. 4			
Purse, full, indicating condition	. 2			
Legs, straight, short, strong; shank smooth	. 3			
stitution:			1	
Girth, large	. 3			
Skin, color pink	. 3			
Fleece, dense and even over body; yolk abundant	. 4			
Wool: Quantity, long, dense, even				
Quantity, long, dense, even	1 . 4			
Quality, fine, soft, pure, even	4			
Condition, bright, strong, clean	-1 1			
Total	. 100			
LOW	-1 100			

# College of Agriculture of the University of Wisconsin.

	Per-	Points deficient.		
Scale of points.	fect score.	Student's score.	Corrected.	
Age, —; teeth, —				
General appearance—24 points: Weight, estimated, —— pounds; actual, —— pounds; according	e			
to age Form, low, long, symmetrical, compact, evenly covered with firm flesh	10	1		
Quality, bone clean; hair silky	6			
Temperament Head and neck—9 points:	_		,	
Muzzle, fair size; nostrils large; lips thin; mouth large Eyes, full, bright	. 1			
Face, short; expression bold Forehead, broad	1			
Ears, fine, erect Neck, thick, short; throat clean	1 3			
Fore quarters—13 points: Shoulder vein, full	2			
Shoulders, covered, compact. Chest, deep, wide: girth large	3			
Brisket, full, prominent; breast wide	2			
smooth Body—13 points:	3			
Back, straight, wide Loin, broad, thick	4			
Ribs, deep, arched	3 2			
Hind quarters—17 points: Hips, smooth, far apart.	3			
Rump, long, level, wide Thighs, full, well fleshed	4 3			
Twist, plump, deep Legs, straight, short, strong; shank smooth	4 3			
Constitution—10 points: Girth, large				
Skin, color pink. Fleece, dense, even over body; yolk abundant	3 4			
Wool—11 points: Quantity, long, dense, even			1	
Quality, fine, soft, pure, even Condition, bright, strong, clean	4			
Total	100			
Total	100			

#### WOOL SHEEP.

# Iowa State College of Agriculture and the Mechanic Arts.

Scale of points.	Perfect score.
1. Age, — General appearance: 2. Weight 3. Form, level, deep, stylish, round rather than square.	8
4. Quality, bone clean, fine; hair silky; skin fine	1 1 1
9. Ears, soft thick, velvety. 10. Neck, short, muscular, well set on shoulders. Fore quarters: 11. Shoulder, strong, deep, broad.	4
12. Brisket, projecting forward; breast wide. 13. Legs, straight, short, wide apart; shank smooth, fine. Body:	2
I. Chest, deep, full, indicating constitution     I. Back, level, long, round ribbed     I. Loin, wide, level     I. Flank, low, making under line straight. Hind quarters:	4
18. Hips, far apart, level, smooth 19. Rump, long, level, wide 20. Legs, straight, short, strong; shank smooth, fine Wool:	4
21. Kind, Domestic, clean, bright. Carpet   Blanket   Formula   Blanket   Territory, dirty or discolored. 22. Class, Clothing, fiber under 2 inches in length or unsound. Delaine, fiber 2 to 3 inches in length.	
Combing, fiber over 3 inches in length and sound.  23. Grade, fine, medium, or coarse.  24. Quantity, long, dense, even, covering especially crown, cheek, armpit, hind leg, and belly.	15
25. Quality, fiber, fine, close; quality even, including tops of folds; crimp regular	15 15
Total	100

# Michigan State Agricultural College.

Scale of points.	Stand- ard.	Student's estimate.	Corrected
A. General appearance:			
Weight, estimated, — pounds; actual, — pounds; standard			
for mature ram. —: ewe. —	4		
for mature ram, ——; ewe, ——. Form, level, deep, round rather than square.	5		
Quality, should not be coarse in bone, fleece, or features; firm			
in handling, yet with soft, pliable skin of bright pink color.			
Constitution, shown by fleece, skin, girth, and movement	10		
3. Head and neck:			
Muzzle, mouth and nostrils of good size; lips thin	1		
Eyes, bright, prominent; whites clear	2		
Face, short, except in Oxfords, Hampshires, and Cotswolds	1		
Forehead, broad, full.  Ears, well apart, covered with fine soft hair, in size and form	2		
typical of breed	1		ļ
Neck, for M., short, thick, neatly tapering to head; for W.,	1		
longer, drooping at yoke	1		
J. Fore quarters:	1		,
Shoulders, for M., smoothly joined with neck and body, broad			
on top, compact; for W., less closely joined.	A		1
Breast, broad, carried well forward, closely joined to legs	3		
Legs, short, straight, strong, well apart; arm full.	2		
). Body:	_		
Back and loin, straight, broad	5	1	
Ribs, springing from spine in such a plane as to make back			
broad and flat; for wool, slope downward from spine	2		
Chest, showing no depression above, at sides, or below, making			
large girth	1		
Flank, low, full	2		
E. Hind quarters:			
Hips, broad, flat above	2		
Rump, long, level, wide. Thighs, full, less so for W	2 2		
Thighs, full, less so for W	2 2		
Twist, deep, plump Legs, straight, short, strong, but not coarse	2		
	2		
F. Wool:	12	1	
Quality, fine for breed, soft, even	10		
Length, great, even	10		
Yolk, slight amount.	3		
1 ora, sugar amount			
Total	100		
1000	200		

# POULTRY.

# Kansas State Agricultural College.

	Possible score.		Student	student's score.		s score.	
	Shape.	Color.	Shape.	Color.	Shape.	Color.	Remarks.
Typical carriage							
Weight and size							
Iead							
Comb							
Car lobes and wattles							
leck Back							
'ail Breast							
Body and fluff							
Vings							
egs and toes							
Hardness of feather							
Total outs							

#### Cornell University.

	P	erfect scor	re.	Defic	eient.	
Scale of points.	Ameri- can.	Asiatic.	Medi- terrean.	Student's estimate.		
Typical carriage	8	8	. 8			
Weight or size	6	6	10			
Condition	6	6	5			
Head:						
Shape	3	3	2			
Color	3	3	. 2			
Comb	8	.8	10			
Wattles and ear lobes	6	6	J W. 4	}		
			l e. l. 6	,		
Neck:			3			
Shape Color	4	4	3			
Back:	6	0	4			
	=	4	3		i	
Shape	5		3			
ColorBreast:	9	4	4			
	5	5				
Shape	5	5	6			
Color	9	Ð	4			
Body and fluff:	3	5	3			
Shape	3	3	3			
Color	3	9				
Wings:				Į.		
ShapeColor	4	4	4			
Tail:	4	4	4			
	4	4	. 4			
ShapeColor.	4	4	4			
	8	8	4			
Legs and toes	8	8	7			
Total	100	100	100			
10ta1	100	100	100			

#### North Dakota Agricultural College.

Symmetry—typical shape	Body and fluff:
Weight	
Condition	Color
Comb	
Eves	
Head:	Color
Shape	
Color	
Wattles and ear lobes:	Color
Shape	Legs and toes:
Color	
Neck:	Color
Shape	Creet and heard:
Color	
Back:	Color
Color	mardness of reather
Breast:	Score
Shape	
Color	

 $a\,\mathrm{North}$  Dakota and Northern Minnesota Poultry Association. A. P. A. standard score card.

#### The Pennsylvania State College.

	P	erfect scor	Deficient.		
Scale of points.	Ameri- can.	Asiatic.	Mediter- ranean.	Student's estimate.	Cor- rected.
ypical carriage	8	8	8		
eight or size	6	6	10		
ondition	6	6	5		
Shape	3	3	2		-
Color	3	3	9		
omb	8	8	10		
		8			
Vattles and ear lobes	6	6	{ w. 4 e.l. 6	}	
eck:				ľ	
Shape	4	4	3		
Color	6	6	4		!
ack:		-			
Shape	5	4	3	!i	
Color	5	4	4		
reast:					
Shape	5	. 5	6		
Color	5	5	1		
ody and fluff:	,		1 12		
	3	5	3		
Shape	3	3	3		
	5				
lings:					
Shape	4	4	4		
Color	4	4	4		
ail:		l .			
Shape	4	4	4		
Color	4	4	4		
egs and toes	8	8	7		
Total	100	100	100		

# Rhode Island College of Agriculture and the Mechanic Arts. [The decimal score card. Copyright by I. K. Felch.]

Ent: Rin	ry No	Directions for using this card.
Owner and exhibitor.  Each section 10 points.	Condition, weight, or size.   Comb, or crest and comb.   Head and adjuncts:   Beak   Eye.   Ear lobe   Wattles   Neck:   Shape   Color   Back:   Shape   Color   Breast:   Shape   Color   Breast:   Shape   Color   Train   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Train   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Color   Shape   Shape   Color   Shape   Shape   Color   Shape	o cut for weight, comb, head, legs, check (x) the ture defective and cut in the column. For shape, the cut above the dotted line. For coden, below the extra above the dotted line. For coden, below the combined by the being more defective than color, cut in the forman to the dotted line dotted line dotted line and carry deep down into course we the dotted line and carry deep down into course we the dotted line and carry deep down into course we have the dotted line and carry deep down into course we have the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line and carry deep down into course when the dotted line are deep down in the dotted line and carry deep down into course when the dotted line are deep down in the dotted line and carry deep down into course when the dotted line are deep down in the dotted line and carry deep down into course when the dotted line are deep down in the down in th
MO.	Total defects	Score

Judge. Pres. Secy.

#### Rhode Island Agricultural College.

FOR BREEDING PEN.

[Copyright by I. K. Felch.]

Weight Ring No						
*						
						[
Condition, weight, or size						 
Comb, or crest and comb	 	 		 		 
Head and adjuncts:						
Beak						
Eye						
Ear lobe						
Wattles	 	 		 		 
Neck:						
Shape						
Color	 	 		 		 
Back;						
Shape	 	 		 		 
Color	 	 	<i></i>	 		 
Breast:						
Shape						
Color	 	 		 		 
Body and fluff:						
Shape						
Color	 	 		 		 
Wings:						
Shape	 	 		 		 
Color	 	 		 		 
fail:					1	
Shape	 	 		 		 1
Color	 	 		 		 
Legs and toes:	1					Į.
Shape	 	 		 		 
Plumage	 	 		 		 
Color	 	 		 		 
Total defects	 	 		 		 
score						

#### DRESSED CARCASSES AND BLOCK TESTS.

BEEF CATTLE-CARCASS EXAMINATION.

#### College of Agriculture of the University of Minnesota.

Scale of points.	Perfect score.
General appearance:	
1. Covering, even, smooth, firm, white	
2. Form, compact, well fiiled out	. 10
<ol> <li>Quality, flesh deep, even, firm; grain fine: texture firm but yielding to pressure bone dense, fine: fat and lean well mixed</li> </ol>	20
bone dense, fine; fat and lean well mixed.  4. Kidney fat, firm, white, brittle, in proportion to covering	5
Fore quarters:	
5. Neck, short, neat	. 1
6. Shoulder, compact, well covered	1 2
7. Chuck ribs, not coarse; meat thick	
8. Prime ribs, flesh deep, carried well down, firm, evenly covered with medium thick	
9. Plate, light, not coarse	. 12
10. Shank, arm fuil; bone fine	. 1
Hind quarters:	- 1
11. Loin, flesh firm, even, deep; fat and lean well mixed; spine fat medium thick	. 18
12. Rump, full and evenly fleshed to tailhead	. 4
13. Round, flesh thick, carried well down, well mixed with fat	. 10
14. Flank, thick, well filled. 15. Shank, bone fine, dense	. 2
15. Shank, bone fine, dense	. 1
Total	. 100

#### BLOCK RECORD.

Name of animal Breeding Live weight							Se D		wei	ght.	• • • • • • • • • • • • • • • • • • •			
Live weight Shop No							Pe	er cen	t dr	essed	carcass	to live w	eight	
Date	_		ut b	y		-	-	Dat	te			Cut	by	
Left hind quar	ter-	-we	ight	i				le ut						
		at	1	d	÷ E %	± A		at	i	-	÷ E zi	+ A	of mar- t from	etab h ci
	Gross.	Marketable meat	Fat.	Bone and trim-	Per cent market- able meat in dressed carcass.	Per cent market- able meat in live animal.	Gross.	Marketable meat (retail).	Fat.	Bone and trim- mings.	Per cent market- able meat in dressed carcass,	Per cent market- able meat in live animal.	Total weight of ketable meat f each cut.	Per cent marketable meat in each cut (total)
Round: a Round steak									[					
b Rump														
c Pot roast d Shank														
Fat														
Total														
	-		-	_			-	==	=	=				
Loin:														
e Sirloin steak f Porterhouse stk g Sirloin strip h Suet														
g Sirloin strip														
i Flank														
Total			_				-							
Left front quare	ter-	-we	ight	; 	I			Rig	ght f	ront	quarter-	-weight		
j Prime														
Total							-							
Chuck: l Shoulder	-	=	_	-										
			1						==	=				
m Cross rib														
n Plate														
m Cross rib n Plate o Neck p Shank														
n Plate o Neck														
n Plate					cent		keta	ble m	eat t					
n Plate o Neck p Shank Total		ight		d-	r cent	of mar	keta	ble m	eat t					
n Plate	we	ight	Standard	d- 20 - 20 - 20 - 10 -	r cent	of mar	N CA	ble m	eat 1	o wei	ght of c			

#### LARD HOGS-CARCASS EXAMINATION.

#### College of Agriculture of the University of Minnesota.

Scale of points.	Perfect score.
General appearance:  1. Skin, thin, mellow, soft 2. Form, thick, deep; length medium 3. Quality, flesh deep, even, firm; bone dense 4. Kidney fat, abundant, white, firm	1 2
4. Kidney fat, abundant, white, firm Carcass: Head, fine, neat, short Neck, short, full	
Neck, short, full. Shoulder, compact, well covered. Side, deep, thick, evenly fleshed, firm; loin heavy. Ham, large, plump, fleshed well down, firm	1
Ham, large, plump, fleshed well down, firm  Total	10

#### BLOCK RECORD.

Shop No. Type Age Breeding Sex	Live weight Dressed weight Per eent yield of carcass. Date cut Cut by										
Major and minor cuts.				V	Veight	is.	·				
Head: Cheek meats Refuse Minor total											
Total per cent	=										
Butt (loin) Butt (loin) Butt (fat). Neck spare rib California ham Trimmings Minor totals Offal or waste Total per cent											
Middle:	-						-				
Kidney fat. Loin. Fat back. Spare rib. Prime bacon. Bacon trimmings. Minor totals.											
Total per cent						·					
Hams: Prime hams Trimmings Leg. Minor totals											
Total per cent											

Grand total per cent.....

#### BACON HOGS-CARCASS EXAMINATION.

#### College of Agriculture of the University of Minnesota.

Scale of points.	Perfect score.
General appearance: 1. Skin, thin, mellow, smooth.	
2 Form long deep in proportion to thickness	10
<ol> <li>Form, long, deep in proportion to thickness.</li> <li>Quality, flesh, firm, even, streaked with fat and lean; back fat, thin; bone dense</li> </ol>	20
4. Kidney fat, white, firm	5
Carcass:	
Head, fine, neat, longer than in lard hog	2
Neck, short, not heavy. Shoulders, smooth, well covered.	. 3
Shoulders, smooth, well covered	10
Sides, long, deep, evenly fleshed, firm; loin heavy	25
Ham, large, plump, firm; light covering of fat	20
Total	100

#### MUTTON SHEEP—CARCASS EXAMINATION.

# College of Agriculture of the University of Minnesota.

Scale of points.	Perfect score.
General appearance:	
1. Covering, even, smooth, firm, dry, white	ē
2. Form, long but compact: well filled in loin and leg	10
3. Quality, flesh deep, even, firm, fine grained, not stringy; bone dense; fat evenly	i
distributed, free from rolls	20
4. Kidney fat, firm, white, brittle, in proportion to covering	
Body:	
5. Neck, short neat 6. Plate, light, not coarse	
6. Plate, light, not coarse	
7. Shoulders, compact, well covered	
8. Rack, muscle deep, firm, even, carried well down; fat evenly distributed, medium	
thick.	1
9. Loin, muscle firm, abundant; fat medium thick	15
10. Leg, plump, thick, fleshed well down	20
m	7.00
Total	10

# BLOCK RECORD. Sex Cut by

Per cent yield ..... Date .....

Shop No .....

Dressed weight						Righ	t half	weigh	it				
		Gross weight.	Marketable meat (re- tail).	Bone and trimmings.	Fat.	Gross.	Marketable meat (re-tail).	Bone and trimmings.	Fat.	Total gross weight.	Total marketuble meat weight.	Per cent marketable meat to live weight.	Per cent marketable meat to dressed weight.
Hind leg	3		1										

Grand total weight and per cent of marketable meat to weight of carcass..... Marketable meat in cuts 1 and 2.

Marketable meat in cuts 4, 5, 6, and 7.

#### ANIMAL MECHANICS.

#### HORSES.

#### New Hampshire College of Agriculture and the Mechanic Arts.a

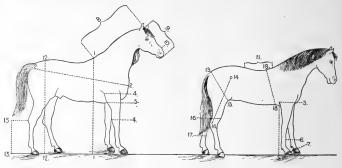


Fig. 10.—Chart for study of proportions of the horse.

Fig. —		Inches.			
1	1	1	Height at withers		
2	2	-2	Height at withers		
2 2	3	3	From lowest point of chest to the ground. From the point of elbow to the ground		
2	3	3	From the point of elbow to the ground		
1	4	4	From the point of elbow to trapezium		
			From trapezium to ground		
1	5		Circumference of the arm		
2	-6		Circumference of cannon in center		
2	7		Circumference of foot at coronet		
1	8		From point of withers to occiput		
1	9		Length of head		
	10		Width of forehead. Circumference of muzzle at angle of mouth		
1	10	i	Width of chest from outside of shoulder points		
2	11		Length of back from point of withers to point of croup.		
-	11		Width across hips		
1	12	12	Height to highest point of croup		
.)	13	13	From center of dock to enterior point of patella		
٠,	14	14	From center of dock to anterior point of patella.  From point of hock to point of hip.		
.,	15	15	From point of hock to ground.		
-5	16		Circumference of thigh		
2	17		Circumference of shank in the center		
2	18	18	Circumference of body at the girth		
			Length of croup		
			Length of croup  Height of crest of occiput from ground		
			Dorsal angle of scanula to hin		
			From angle of lower jaw to forehead above eye		
			From throat to superior border of neck		

a Also used by North Carolina College of Agriculture and Mechanic Arts.

# Cornell University.

		Inches.	ĺ
	Height at withers.		
	Hoight to highest point of aroun		
i	Langth from point of choulder to quarter		
	Height to highest point of croup Length from point of shoulder to quarter. From lowest point of chest to the ground		
i	From the point of elbow to the ground		
	From the point of elbow to trapezium		
	From the point of choose of tapezium.		
	From trapezium to ground		
	Circumference of the arm		
	Circumference of cannon in center		
	Circumference of foot at coronet		
]	Length of head		
	Width of forenead		
(	Width of forehead Circumference of muzzle at angle of mouth Width of chest from outside of shoulder points		
1	Width of chest from outside of shoulder points		
1	Width across hips		
	Width across hips From center of dock to anterior point of patella.		
	From point of hock to point of hip		
	From point of hock to ground		
(	Circumference of thigh		
(	lircumference of shank in the center		
(	Circumference of body at the girth		
	Length of croup Height of crest of occiput from ground		
	Height of crest of occiput from ground		
i	Dorsal angle of scapula to hip		
i	From angle of lower is w to forehead above eve		
	From angle of lower jaw to forehead above eye		

The College of Agriculture and Domestic Science, Ohio State University.a

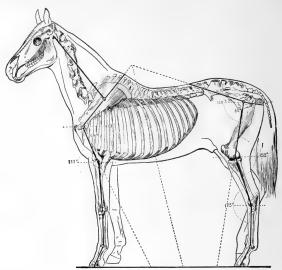


Fig. 11.—Chart for study of articular angles of the horse.

	Degrees.
Inclination upon the horizon:	
Scapular Humeral	
Iliac	
Femoral Tibial	
Cephalic	
Cervical.	
Articular angles in stations: Scapulo-humeral	
Humero-radial.	
Metacarpo-phalangal Hio-femoral	
Femoro-tibial.	
Tibio-metatarsal	
Metatarso-phalangal Cervico-cephalic	
Attitudes in station:	
Anterior members viewed in profile  Anterior members viewed in front	
Posterior members viewed in profile.	
Posterior members viewed from behind	

a Also used by Cornell University.

#### CATTLE.

# College of Agriculture and Mechanic Arts of the University of Missouri.

							Ī
Date							
Name of animal							
Breed							
Age							
Condition							
Sex							
Color and markings							
Weight							
Height at withers							
Height at highest point of croup. Height of foreflank Length of foreleg from elbow to ground							
Height of foreflenk							
Langth of foreleg from albow to ground							
Height of hind flend							
Togeth of filling filling in the color to consumd							
Length from point of nock to ground				!			
Length from base of norms to witners							
From highest point of withers to a line between the hips.							
Smallest circumierence of shin bone. Height of hind flank. Length from point of hock to ground. Length from base of horns to withers. From highest point of withers to a line between the hips. From point of shoulder to point of hips. From a line between hips to the tail. Length of a perpendicular line from withers to a point opposite the point of the shoulders.							
From a line between hips to the tail							
Length of a perpendicular line from withers to a point							
opposite the point of the shoulders			,				
Width of chest							
Girth of throatlatch							
Width of jaws (measure from outside) Length from poll to point of muzzle Length of face from line between eyes to point of muzzle.	İ						1
Length from poll to point of muzzle							
Length of face from line between eyes to point of muzzle.							
Width of forehead.							
Width of forehead Largest circumference of muzzle							
Heart girth						i	
Girth of middle of paunch							
Cirth at the flank							l
From point of hip to ischium. From point of hips to last ribs. Width of hips.							
From point of him to last ribe					,		
Width of him							
Width of all homes							
Width of pin bones. From point of hip to point of hock.							
r rom point of mp to point of nock							
Weight of fore quarters							
Weight of hind quarters							
		t			1	1	

# The College of Agriculture and Domestic Science, Ohio State University.

	Inches.	
	-	
Height at the withers. Height at highest point of croup Height of foreflank Height of flank Length from the base of horns to the withers From the highest point of withers to a line between the hips. From a line between hips to the tail	,	
deight at highest point of croup	(	
Height of foretiank		
Height of flank		
Length from the base of horns to the withers		
From the highest point of withers to a line between the hips		
From a line between hips to the tail		
ength of a perpendicular line from withers to a point opposite the point of the shoulders sitth of throatlatch		
Firth of throatlatch		
Heart girth		
Heart girth Firth of middle of paunch.		
firth at the flank		
From point of hip to ischium		1
From point of hips to last rib		
From point of hips to last rib. Width of hips 7: m point of hip to point of hock.		
From point of hin to point of hock		
Veight of forequarters.		
Weight of hind quarters		
reight of mind quarters		

#### MARKET REPORTS.

#### BEEF CATTLE.

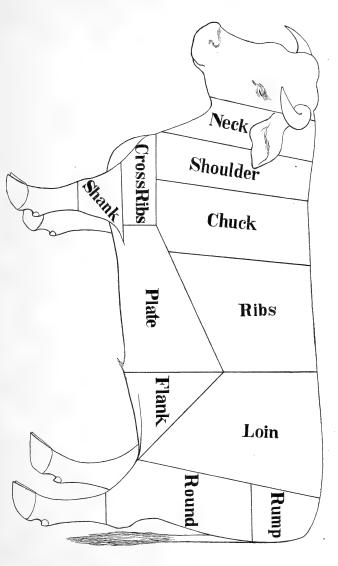
# College of Agriculture of the University of Illinois.

		Prices per hundredweight.					
Classes.	Grades.	Mon- day.	Tues- day.	Wednes- day.	Thurs-	Fri-	Satur- day.
Beef cattle	Prime steers						
Remarks:	Choice steers						
Remarks.	Good steers						
	Medium steers						
	Common rough steers						
Butcher stock	Prime heifers						
Remarks:	Choice heifers						
кешагкя:	Good heifers						
	Medium heifers						
	Prime cows						
	Choice cows						
	Good cows						
	Medium cows						
	Common rough steers						
	Choice bulls		`				
	Good bulls						
	Medium bulls						
Cutters and canners	Good cutters						
Remarks:	Medium cutters						
	Common cutters and good						
	canners.			i			
	Medium canners					1	
	Inferior canners					1	
	Bologna bulls						
Stockers and feeders	Fancy selected feeders						
Remarks:	Choice feeders						
Remarks.	Good feeders						
	Medium feeders						
	Common feeders						
	Inferior feeders						
	Feeder bulls						
	Fancy selected yearling		******				
	stockers.						
	Choice yearling stockers						1
	Good yearling stockers						
	Medium yearling stockers						
	Common yearling stockers.						
	Inferior yearling stockers						
	Good stock heifers Medium stock heifers						
	Medium stock heifers						
	Common stock heifers						
Veal calves	Choice						
Remarks:	Good						
	Medium						
	Common						
		1				1	

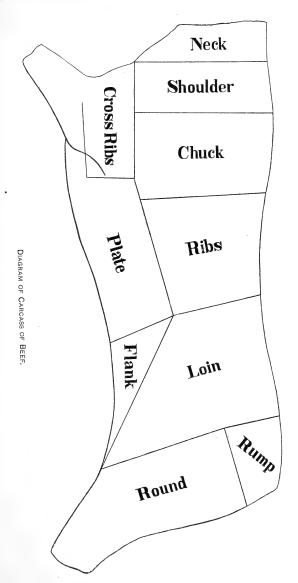
#### EFFICIENCY OF MILKING.

# The Connecticut Agricultural College. a

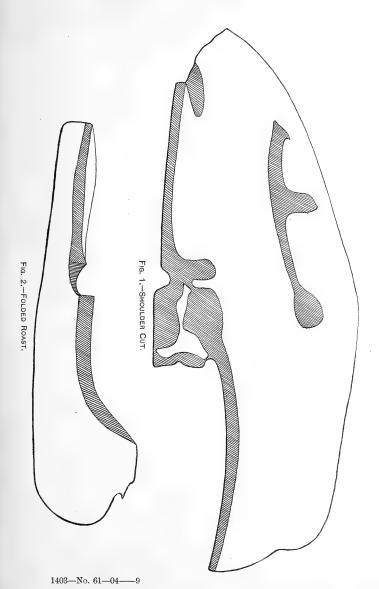
The Connecticut Agricultural Conege.	
A. 1. Regularity of milking	3
2. Rapidity of milking	12
3. Thoroughness of milking.	12
4. Quietness while milking	3
B. 1. Amount of milk produced by cows.	15
2. Amount of fat produced by cows	3
3. Accuracy of weighing	1
4. Accuracy of recording	1
5. Accuracy of sampling and Babcock testing	10
C. Sanitary milking:	
1. Concerning the milker—	
(a) Milker should wear a clean white suit (b) Milker must have clean hands.	2
	2
(c) Milking with dry hands	2
2. Concerning the cow—	
(a) Preparation of the cow for milking	8
(b) Prevention of contamination while milking—	
Wipe flank and udder of cow with damp cloth.	2
Reject fore milk	2
Use of covered milk pail	2
3. Determination of germ content of milk—	
(a) Number of germs	20
-	
Total	100

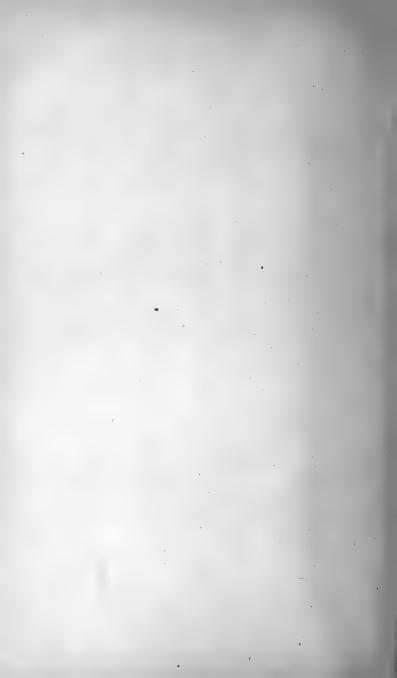












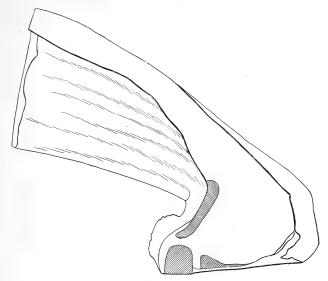


Fig. 1.—SMALL END RIBS.

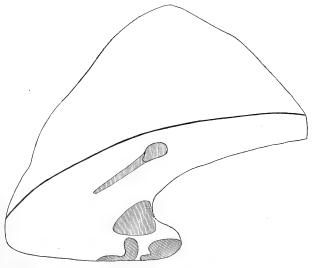
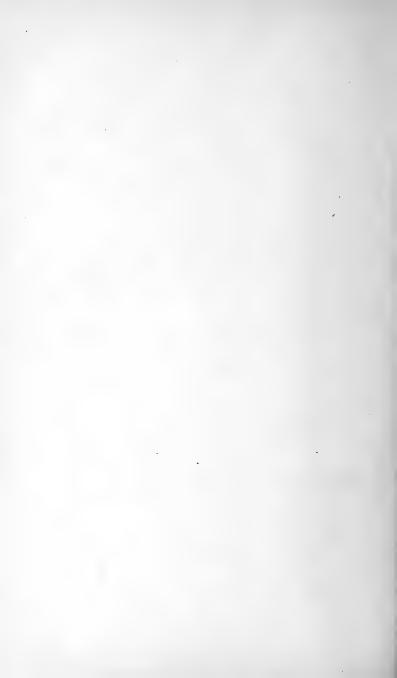


Fig. 2.-LARGE END RIBS.



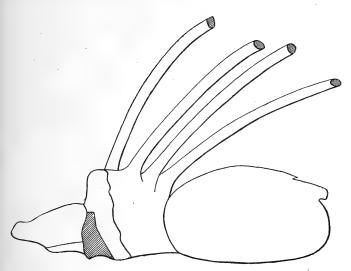


FIG. 1.-ROLLED ROAST.

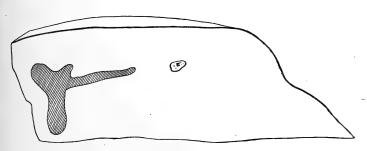


FIG. 2.-PORTERHOUSE STEAK.



PLATE VI. BULLETIN No. 61 B. A. I.

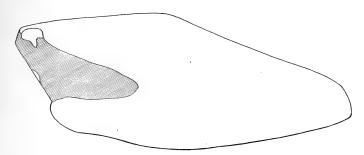


Fig. 1.-WEDGE-BONE SIRLOIN.

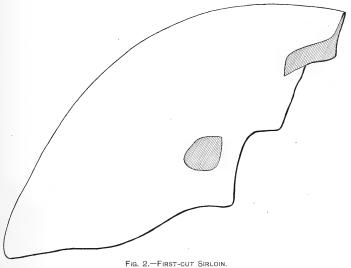




PLATE VII.

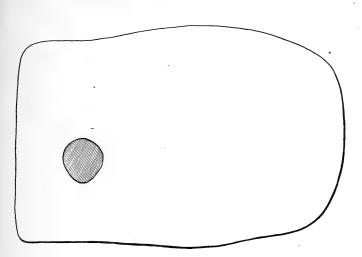


Fig. 1.—FIRST CUT OF ROUND.

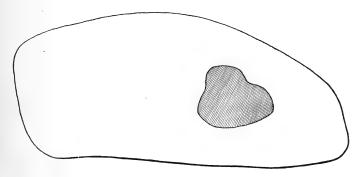


Fig. 2.-LAST CUT OF ROUND.



## Ham.

## Back.

Shoulder.

Head.

ic et 🖦 e

.

.

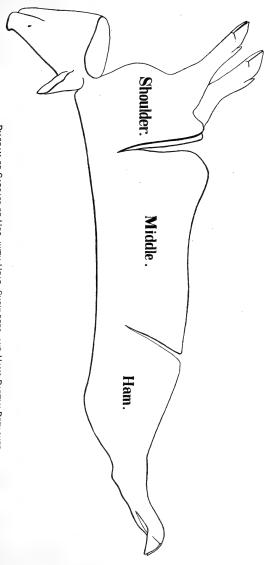


DIAGRAM OF CARCASS OF HOG, WITH HEAD, SHOULDERS, AND HAMS PARTLY DETACHED.



BULLETIN No. 61, B. A. I. PLATE X.

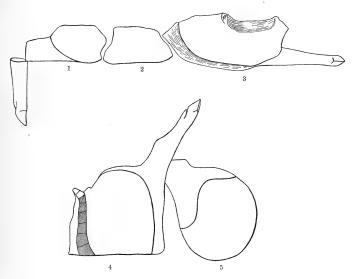


Fig. 1.—California Ham. Fig. 2.—Shoulder Butt. Fig. 3.—Shoulder, Untrimmed. Fig. 4.—Ham, Untrimmed. Fig. 5.—Ham, Trimmed.



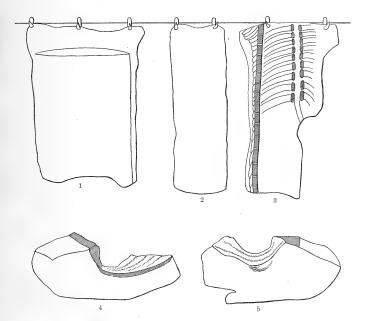
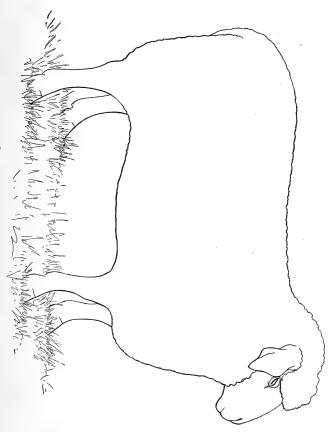
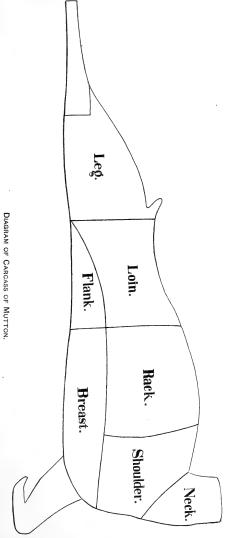


Fig. 1.—Bacon Strip. Fig. 2.—Fat Back. Fig. 3.—Spareribs and Loin. Fig. 4.—Large End of Middle. Fig. 5.—Small End of Middle.  $1403-No.\ 61-04-10$ 











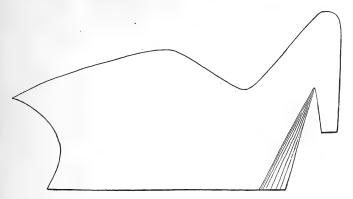


Fig. 1.—SHOULDER, UNTRIMMED.

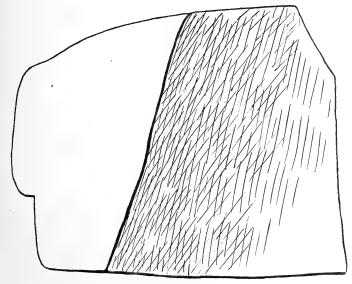


Fig. 2.-Shoulder, TRIMMED.



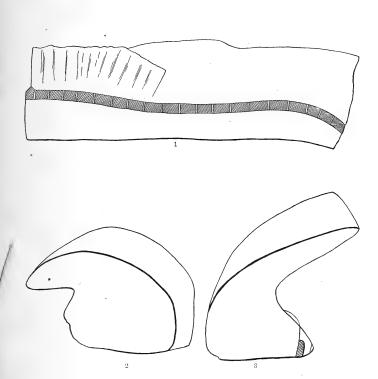
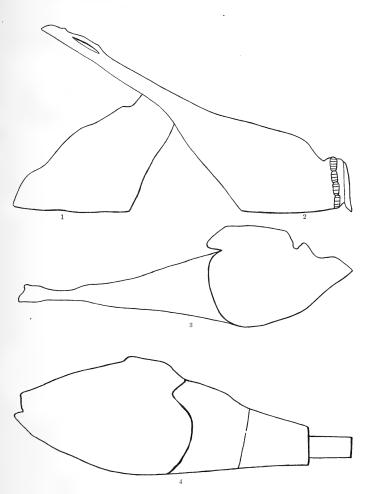


FIG. 1.-LOIN AND RACK. FIG. 2.-LOIN CHOPS. FIG. 3.-RIB CHOPS.



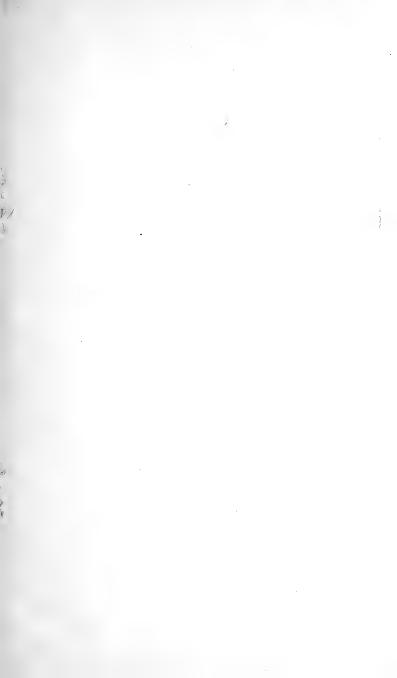


Figs. 1 and 4.—Leg, Trimmed. Figs. 2 and 3.—Leg, Untrimmed.

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